



The Weather

Today: Partly cloudy, 66°F (19°C)
Tonight: Clear, cool, 48°F (9°C)
Tomorrow: Clear, pleasant, 60°F (16°C)
Details, Page 2

Volume 120, Number 52

Cambridge, Massachusetts 02139

Tuesday, October 24, 2000

CONCERT REVIEW

A Capella, Family Style

MIT Groups Share the Family Weekend Spotlight

By Devdoot Majumdar

For those of us less emotionally connected to Copland and Bartok and the whole orchestral genre in general, there was yet another Family Weekend concert of musical entertainment following Friday's performances by MIT's Concert Band, Jazz Ensemble, and Concert Choir. This time it was a night of *a capella* from six MIT student groups Saturday evening. Ranging from the religious to Sisqo, the night showcased what exactly MIT students are capable of.

Religion, center Stage

The evening began with the Cross Products, the MIT *a capella* group that has "been changed by Jesus Christ." Lending the audience a three-dimensional representation of a cross product, they hoisted three members of the group and turned them into three perpendicular vectors in true cheerleader fashion. Aside from such antics, they sang admirably and despite a few voice cracks, their songs actually had meaning

and sweet, enjoyable melodies. As with most *a capella* groups, the group singing was fabulous, but the solos weren't too spectacular.

Techiya, MIT's Jewish *a capella* group, also made an appearance. Again, theirs was meaningful music, but who made the wise decision (or lack thereof) of not having any solos? Hence, there were no audible imperfections. But on the other hand, it wasn't too fascinating either. Aside from doing the Oompa-Loompa dance from *Charlie and the Chocolate Factory* to one of their more animated songs, most of the music was sad, albeit concordant.

Pelvises in motion

The Chorallaries presented an excellent, animated performance of some easily recognizable songs. Their first, "Rebubela" (originally by Moe), came of as an Adiemus-like enchanting melody with a powerful solo by Bernard Levin '01. The song came off as a vibrant personification of meaningless words that nonetheless sounded intense and joyous. The very versatile oral percussion (air drums) is just another example of their skill.

A Capella, Page 14

Harvard Students and Faculty Defend Use of Force by Israel

Rally includes Frank, Levanon, and Perez

By Shankar Mukherji
STAFF REPORTER

Approximately 200 students, staff, and faculty braved the cold to participate in the "Rally in Solidarity with the State of Israel" yesterday at Harvard Yard. Sponsored by the Harvard Students for Israel, the event came on the heels of over 3 weeks of violence in the Middle East.

The demonstrators rallied around the central themes of "Israel's right to exist" and "denouncing mob violence on the part of all people." Among the speakers present were Representative Barney Frank (D-Massachusetts 4th District), Consul-General of Israel Itzhak Levanon, and the editor of *The New Republic*, Professor Martin Peretz.

Frank supports Israeli actions

Representative Frank opened his speech by saying that "I speak as someone who has been a strong supporter of the Israeli government's [mission] to take steps to peace." Frank went on to outline his involvement in Middle East policy, including his decision not to vote in

Harvard, Page 12



NATHAN COLLINS—THE TECH

Tamar Miller of Middle East Holdings, former Executive Director of Harvard's Middle East Institute, wanted to attend both rallies — one supporting Israel and the other Palestine — but found herself caught in the middle.

Tufts Students Protest Decision

Controversial judicial ruling condoned discrimination against bisexual

By Jennifer Krishnan

STAFF REPORTER

Over 400 college students and professors met Monday night on the roof of Tufts University library in response to a recent controversial Tufts Community Union Judiciary

decision.

Tufts senior Julie Catalano filed a complaint last April that the Tufts Christian Fellowship had denied her a leadership position in the group because of her sexual orientation.

On October 16, TCUJ ruled

unanimously that TCF's violations were not serious enough to warrant de-recognition of the club. Further, the decision states that while the policy prohibits discrimination

Discrimination, Page 10



Katharine L. Cheung of Tufts University leads a student demonstration calling attention to recent issues of discrimination on their campus. Several hundred students from Tufts and other Boston area colleges participated in the march.

Tufts Students Protest Crackdown on Drinking

By Vicky Hsu

STAFF REPORTER

Tufts University students recently held a rally outside their president's house to protest the administration's crackdown on parties. Students expressed their unhappiness with the Tufts University Police Department consistently breaking up parties before midnight, and accused the administration of killing the social life at Tufts.

In previous years, the administration has recommended that parties end around 2 a.m. Although there has been no official change in the Tufts administration's policy, the TUPD has administered a much stricter set of rules and punishments this year. The rally attempted to determine who is responsible for the unannounced, and what many perceive as unjustified, change.

Vice President of the Tufts Community Union Senate, Eric Greenberg, is frustrated by these changes. He suspects that the campus police is following orders from higher authorities, possibly the president of Tufts and the Board of Trustees. Captain Mark Keith, head of the campus police, could not be reached for comment.

According to Jeff Fox, a member of Sigma Phi Epsilon Fraternity at

Tufts, students at Tufts believe that the policy was influenced heavily by MIT's recent settlement with the family of Scott S. Krueger '01. "The administration even admits it a little," he said. Greenberg and Fox agree that the administration wants to avoid liability, even though "they claim they're putting student safety before liability." Greenberg laments that "the school is becoming more lawyer-centered rather than student-centered. Tufts is a different institution [from MIT], and it has a different culture."

Greenberg is also a residential advisor at Tufts, and has noticed a substantial increase in dormitory drinking this year. He said that he has had to handle significantly more alcohol-related problems this year.

Andrew Sidraine, a sophomore at Tufts, said that the aggressive policy has forced students to go off campus to local pubs. This increases the probability of drunk driving and creates an environment that is "potentially more dangerous and more antagonistic than need be," he said.

According to the *Tufts Daily*, area pubs have confirmed an increase in patronage by Tufts students this school year. A survey taken at Tufts recently revealed that a third of the

Drinking, Page 11



Photos and coverage of the Head of the Charles regatta.

Pullout



Comics

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FEATURES

MIT will not sue Geekporn.com over the site's usage of MIT's name in its images.

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WORLD & NATION

Military Seizes Control Of Ivory Coast Elections

THE WASHINGTON POST

ABIDJAN, IVORY COAST

The nation's disputed electoral process pitting army strongman Gen. Robert Guei against veteran opposition leader Laurent Gbagbo descended into chaos Monday when the military took control of the main vote-counting building, threw out journalists and observers and suspended public bulletins announcing the voting results.

The elections, which have been condemned by the United States, the European Union, Canada and African neighbors for being rigged in Guei's favor, were held Sunday and boycotted by the nation's two largest parties.

Voting was light across the country and results were promised for this morning. But with only 8 percent of the votes counted and Gbagbo's lead growing, hourly public updates on the results were suspended.

No official reason has been given, and various times announced for the resumption of the updates have passed. Instead, state-run television has run cartoons, music videos and soap operas. Diplomats and observers here said the sudden muzzling of result announcements and the military takeover of the vote-counting building were ominous signs.

AT&T Could Split into Four Parts

THE WASHINGTON POST

AT&T Corp.'s board convened Monday morning to consider a radical restructuring of the company that could see the modern-day remnants of Ma Bell split into as many as four parts, sources familiar with the proceedings said.

At a meeting at the company's Basking Ridge, N.J., headquarters, AT&T's embattled chief executive C. Michael Armstrong offered the board a series of options designed to boost AT&T's severely depressed stock by highlighting its fastest-growing businesses.

Among the scenarios on table: Breaking the company into four businesses. The core enterprise would control AT&T's global telephone and Internet network and its business services division. AT&T Wireless, already a separate stock from the rest of the company, would continue to focus on mobile telephone services. AT&T's enormous cable television holdings would stand separately. Finally, the company would spin off its residential long-distance telephone business, which Armstrong has come to see as a mortal drag on overall company growth.

China Still Committed to WTO Pact, Premier Assures EU Leaders

THE WASHINGTON POST

SHANGHAI

Chinese Prime Minister Zhu Rongji on Monday sought to reassure leaders from the European Union that China remains fully committed to market-opening agreements struck with the United States and Europe this past year as part of its bid to win entry into the World Trade Organization.

"Our country will abide by its commitments and further open up domestic markets and open up in a step-by-step manner banking, insurance, telecommunications, foreign and internal trade, tourism and other service sectors," Zhu said in Beijing at a one-day summit meeting of leaders from China and the European Union.

European participants blended declarations of their desire to see China speedily welcomed into the global trade body with expressions of concern about China's reluctance to follow through with a host of specific concessions that EU negotiators thought had already been settled.

"There are a number of details to sort out," the EU's top trade negotiator, Pascal Lamy, told reporters.

Head in the Clouds

By Greg Lawson
STAFF METEOROLOGIST

Yesterday was a beautiful New England fall day thanks to a large high pressure system whose strong subsidence (sinking air) quelled the development of any clouds. Typically, clouds need rising motions to bring humid air to a level where the water vapor can condense. Fair weather cumulus clouds, "cotton-ball" looking clouds, generally form from convection, that is rising motions thermally forced from below. Today we will have high level clouds, mainly cirrus clouds. These clouds are among the highest in the sky and look wispy. They are comprised entirely of ice and are typically formed from large scale ascending air associated with converging air masses near the surface. A common example is at a warm front where a warm air mass is forced over a cold air mass: the warm air mass condenses at various heights, the highest levels producing cirrus clouds. Watch the sunset as cirrus clouds with their ice crystals produce some of the most aesthetic optical effects. On clear fall days like today the most common effect is the formation of sundogs, horizontal rainbow patches positioned 22 degrees to either side of the setting sun. If aligned properly in the sky, the hexagonal ice crystals can act as prisms and split the sun's visible light into its components. They are hard to describe in text, but you'll know them when you see them. As the high pressure slowly slips southeastward over the course of the next few days, we will have more beautiful fall days and concomitantly the potential for many beautiful sunsets and cool atmospheric optical effects. Keep your eyes peeled.

Today: Partly cloudy (high clouds mainly). Warm southwesterly breeze. High of 66°F (19°C).

Tonight: Clear and cool. Light winds. Low of 48°F (9°C).

Wednesday: Mostly clear and pleasant. High of 60°F (16°C). Low of 46°F (8°C).

Thursday: Partly cloudy and pleasant. High in the low 60s (15° - 17°C). Low in the low 50s (10° - 12°C).

Friday and Beyond: It looks like our luck may run out — showers ahead.

Albright, North Korea's Kim Engage in Historic Meetings

By Steven Mufson

THE WASHINGTON POST

PYONGYANG, NORTH KOREA

Secretary of State Madeleine Albright Monday became the first senior American official to meet North Korea's reclusive leader Kim Jong Il, who declared himself "very happy" as he greeted her for three hours of talks at a government guest house Monday afternoon.

Dressed in his trademark two-piece, khaki-green jacket and pants, Kim said, "This is a new one from a historic point of view." State Department spokesman Richard Boucher later called the meetings "substantive" and "very useful." He said Albright described Kim as "very engaged."

Neither side gave any indication of what they accomplished, but Boucher said they discussed "the issues which were of concern to us." Officials earlier described those as a range of security matters such as North Korea's nuclear program,

long-range missile development and exports, and military tensions along the border with South Korea.

Albright, Kim and a few close aides later had dinner and they plan to meet again on Tuesday. State Department officials said they needed to see some tangible progress on security issues if President Clinton is to travel here next month.

Before dinner, Albright and Kim attended a more than one-hour-long extravaganza at a large stadium. When the two entered, the roughly 50,000 spectators reacted as though someone had thrown a switch, breaking into tumultuous applause as thousands of dancers and gymnasts rushed forward to begin a program marking the 55th anniversary of the North Korean Communist Party.

The show included a women's brass band playing a tune called "The General and People Are of a Single Mind," a soldiers' martial arts and acrobatic troupe that per-

formed with bayonets, and a technology skit that included images of long-range ballistic missiles being launched. More than 100,000 people, including about 20,000 children, performed. Albright and Kim applauded the skits and she later called the spectacle "amazing."

Although some members of Congress and foreign policy experts have criticized Albright for squeezing her trip to North Korea into the short time she has left in office instead of leaving it for a new administration, Albright said her pace was "very measured. We're not moving faster than it makes sense."

The secretary of state's visit here is replete with treacherous symbols even as she tries to thaw relations with a long-time foe and threat to stability in northeast Asia. This morning she paid a courtesy call on Vice Marshal Jo Myung Rok at the memorial to Kim's father and longtime North Korean leader Kim Il Sung.

Critics Assail New Legislation That Will Criminalize Leaks

By Vernon Loeb

THE WASHINGTON POST

WASHINGTON

Media organizations and civil libertarians are alarmed by new legislation criminalizing leaks of all "properly classified" government information, predicting that it will have a chilling effect on free speech and public debate.

Designed to stop what intelligence officials have decried as a torrent of damaging leaks to the press, the anti-leak provision was passed by Congress this month without public hearings as part of a larger intelligence bill and is now on its way to the White House, where Attorney General Janet Reno and other senior administration officials have signaled their support.

The measure, drafted by Sen. Richard C. Shelby (R-Ala.), chairman of the Senate Select Committee

on Intelligence, represents the first time Congress has put the full weight of criminal law behind the government's classification system, making the willful, unauthorized disclosure of classified material by government personnel a felony punishable by up to three years in prison.

"This legislation contains a provision that will create, make no mistake about it, with not one day of hearings, without one moment of public debate, without one witness, an official secrets act," Rep. Robert Barr (R-Ga.), a former CIA official and U.S. attorney, said during House debate. "It has been broached many times ... But our regard for constitutional civil liberties ... has in every case in which an effort has been made to enact an official secrets act beaten back those efforts."

Current espionage statutes crimi-

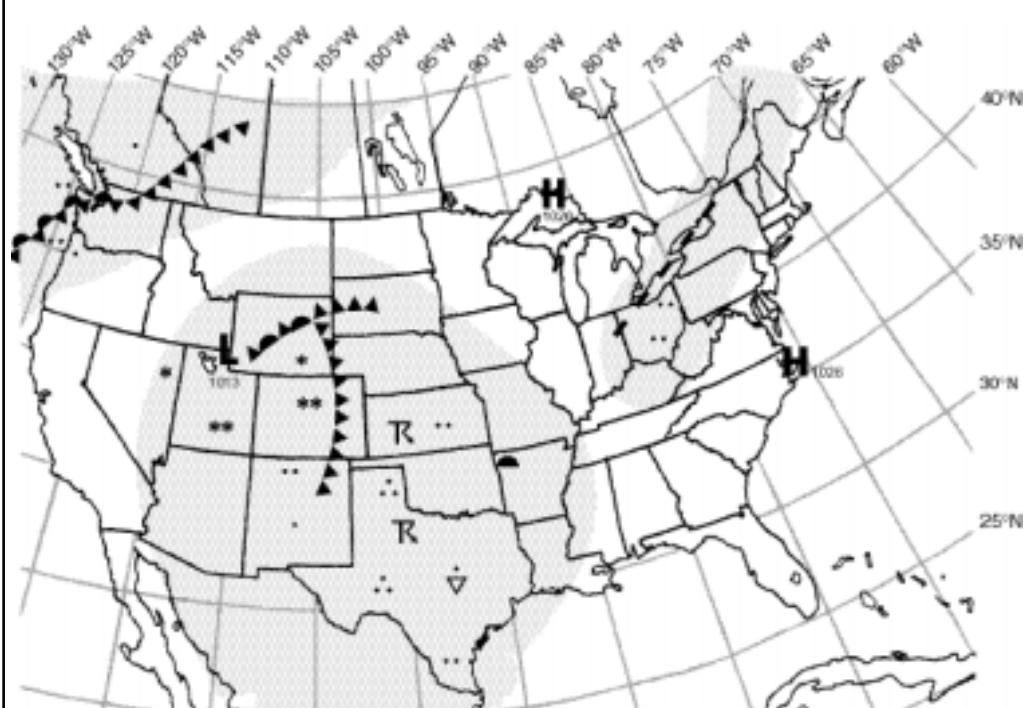
nalize the unauthorized disclosure of "national defense" information by those with intent to aid a foreign power or harm the United States. Other criminal laws prohibit the unauthorized release of certain categories of highly sensitive information, including the names of covert U.S. intelligence operatives and intelligence derived from communications intercepts.

But Congress previously had resisted attempts to broaden these criminal prohibitions to cover all classified information out of concern about First Amendment protections and rampant over-classification by a government security apparatus that is now classifying documents at the rate of 8 million per year.

What is particularly striking about the new anti-leak provision is that it has divided leading Republicans in the House.

WEATHER

Situation for Noon Eastern Daylight Time, Tuesday, October 24, 2000



Barak Talks with Likud Head, Seeks Emergency Government

By Edward Cody
THE WASHINGTON POST

JERUSALEM

Prime Minister Ehud Barak opened negotiations Monday with his main political adversary, hard-line former defense minister Ariel Sharon, in search of a broad-based emergency government to guide Israel through the diplomatic and political ruins left by 25 days of bloodshed in Gaza and the West Bank.

Barak's decision to seek an alliance with Sharon and his Likud Party — firm opponents of the prime minister's willingness to make concessions for peace with the Palestinians — dimmed any remaining hope that peace talks could somehow be revived any time soon

following more than 120 deaths and a swelling of mistrust on both sides since rioting and shooting erupted here Sept. 29. It solidified a decision announced Sunday to suspend the peace negotiations for what Barak described as a reevaluation.

As Barak and Sharon began their bartering, violence between Israeli soldiers and Palestinian rioters and gunmen subsided on a gloomy, rainy day. Two more Palestinians died from injuries received in earlier rioting in the northern West Bank town of Nablus, however. Several dozen Palestinians were injured in scattered clashes in two other West Bank towns, Hebron and Bethlehem, as well as at the Erez crossing from Israel into the Gaza Strip.

Lt. Gen. Shaul Mofaz, the Israeli chief of staff, warned residents of a Palestinian neighborhood on the edge of Jerusalem that his tanks will encircle their quarter, Beit Jala, and open fire any time the nearby Jewish neighborhood of Gilo comes under fire again. Only hours after his statement, heavy machine guns and tank cannons blasted Beit Jala tonight, responding to what the Israeli army described as sniper fire on Gilo. Mofaz sent helicopter gunships firing rockets into action Sunday night against Beit Jala.

His spokesman, Col. Raanan Gissin, said Israeli troops plan to "screen" any Palestinians going into Beit Jala, seeking to ensure its dwellings do not contain gunmen.

Gore Picks up Support in Swing States, Pulls into Tie with Bush

By Richard Morin
and Claudia Deane
THE WASHINGTON POST

WASHINGTON

Vice President Al Gore has pulled into a virtual tie with Gov. George W. Bush on the strength of increased support among independent women and among voters in the key battleground states of the Midwest, according to The Washington Post daily tracking poll.

The latest survey found Bush leading Gore by 47 percent to 46 percent among likely voters, well within the survey's margin of sampling error and the first time Gore has been this close to his Republican rival in more than two weeks.

Green Party candidate Ralph

Nader received 4 percent of the hypothetical vote, and Pat Buchanan of the Reform Party got 1 percent.

The latest results mark another and perhaps temporary change in the direction of this persistently volatile race. It largely came over the weekend, as Gore significantly improved his standing with women, independents, middle-aged voters, Democrats who only weakly identify with their party, and voters in the Midwest and in the west.

Gore now claims 53 percent of the vote from women who say they're politically independent. That's an 11-point increase from a Post tracking poll completed Thursday, which found these voters about evenly divided between the two

major party candidates. Bush currently gets the support of 35 percent of independent women, down from 44 percent last week.

Other big moves for Gore: In recent days, the survey suggests he has picked up six points among independents who lean toward the Democratic Party; six points among voters in the Midwest, five points among voters in the west and seven points among voters between the ages of 45 and 60.

The survey suggests he has gained eight points among likely voters older than 60, and now leads Gore 49 percent to 42 percent among these voters. But among virtually every other key voter group, the Republican hasn't moved.

Federal Education Expenditures Increase Despite GOP Misgivings

THE WASHINGTON POST

WASHINGTON

Six years ago, Congress approved \$750,000 to start a modest new program to pay schools to provide after-school study halls, tutoring and counseling. By this year, the program had grown to \$453 million annually.

Now, in an end-of-session showdown with Congress over next year's education spending bill, the Clinton administration is holding out for \$1 billion instead of the \$600 million the GOP has proposed for the 21st Century Community Learning Centers.

The centers' rapid growth from small seed to sturdy federal oak is emblematic of a little-noticed aspect of President Clinton's tenure: his success in expanding the government's involvement in hitherto off-limits aspects of the nation's schools despite determined opposition from conservative Republicans.

"We are moving in the direction of greater federal involvement no matter who is elected," said Diane Ravitch, an assistant secretary of education in the Bush administration.

The GOP, prodded by the administration in a series of bruising year-end confrontations, has reluctantly approved a near-doubling of education spending since taking control of Congress in 1995. More significant has been a steady shift in the federal government's historic role in education, from provider of school services to the poor, disabled and needy to significant player in the growing effort to improve teaching, test scores and conditions in all schools.

Census Finds Increased Number of Working Mothers

THE BALTIMORE SUN

The "traditional" American family — a working Dad, stay-at-home Mom and a clutch of kids — is fading away as record numbers of mothers return to work.

A report by the U.S. Census Bureau to be released Tuesday reveals that a record 59 percent of mothers with infants at home in 1998 had gone back to work, up from 31 percent in 1976.

Families with married moms and dads who both work are now in the majority for the first time, while those where Dad is the only breadwinner have slipped to just 24 percent of the total.

The reasons for these trends are complex, said Dr. Joan R. Kahn, professor of sociology at the University of Maryland College Park.

Many American mothers today are returning to careers they launched before they began their families — careers that were largely unavailable to earlier generations of women.

"The costs of dropping out are much higher because they are in a broader range of occupations," Kahn said. "They have put in the time to build up some seniority."



"STREETWISE SAFE"

Tuesday, Oct. 24, 8-9pm

Room 5-233

SEMINAR

on Crime Prevention and Self-protection

by CHERYL VOSSNER

Sergeant, Crime Prevention Unit, MIT Police

"SELF-DEFENSE BASICS"

Saturday, Oct. 28, 10:30 - 11:30 am

Wrestling Room, DuPont Gym

Instructor: ANNE DUNNING

Head Instructor, Judo Club

DAVID ZANGER

Head Instructor, Tae Kwon Do Club

Fine Print: "wear comfortable workout clothing"

OPINION

Six More Years for Kennedy

Next month, Bay State voters will choose one of six candidates to serve as United States Senator for the next six years. We believe the incumbent, Edward M. Kennedy, is uniquely positioned to fight for the needs of Massachusetts and its students. *The Tech* endorses Senator Kennedy for re-election.

After 38 years in the Senate, Kennedy is one of the body's most powerful legislators. The architect of much of the nation's social legislation of the past four decades, Kennedy wields enormous influence on the Senate floor. And he regularly uses his clout to support programs desperately needed by students.

In his last term, Kennedy has championed increasing federal financial aid to students. Kennedy has fought to increase the number of students receiving Pell grants and has also supported increasing the maximum amount of each Pell grant. Kennedy has worked for low interest rates on student loans and loan forgiveness programs to help both undergraduate and graduate students drowning in debt. He has vigorously opposed attempts to decrease federal aid for college students.

Kennedy also recognizes the importance of research funding to the Massachusetts economy. Only two states receive more grants from the National Science Foundation than Massachusetts does. MIT and other research universities across the state depend on this funding to support research projects, and Kennedy has been one of the Senate's strongest supporters for increasing funding for the National Science Foundation, National Institute of Health, and other federal agencies supporting basic research.

Kennedy is undoubtedly the candidate best able to help meet Massachusetts's other concerns as well. Kennedy's clout and respect is indispensable as the state struggles to pay for the Big Dig. This spring, when it was revealed that the Big Dig manager had been covering up billions of dollars of cost overruns, Kennedy quietly worked to assuage the concerns of angered senators and continue federal support for the project. Only a senator with Kennedy's power could have prevented a wholesale rebellion against federal funding of the Big Dig.

For these reasons, *The Tech* is pleased to endorse Senator Kennedy for re-election two weeks from today.

Letters To The Editor

Responsible Drinking In England

Your article on the Cambridge/MIT Program ["MIT Students in England Share Experiences through Exchange Program," Oct. 17] made me think it was worth writing this letter. Having lived in the United Kingdom for a few years, I was surprised to see how surprised MIT undergraduates are that you can have a drinking culture without death. I forgot how naive Americans can be. Not to sound like gun ads I don't agree with, but drinking doesn't cause death unless it's accompanied with selfishness.

The reason the drinking age in most U.S. states is currently 21 instead of 18 is because of drunk driving. In the U.K., driving under the influence isn't just frowned upon, it's about as disgusting and inconceivable as urinating in your own living room. And this isn't just for "educated" people. After 10 p.m. in Edinburgh, Scotland, there are almost no private cars on the roads. Everyone on a date is in a taxi (a fundamental cost of dating!) and everyone else is walking. On weekend nights, the streets are full of people talking and laughing, often in the middle of the road.

This doesn't only apply to cities. Every little town has two or three guys who are "taxi drivers" — usually older married guys whom you can always call at home. Everyone who runs a pub knows their names and numbers. Getting a taxi ride for miles isn't that unusual, even if it means having to go back and get your car the next morning. It's just a stupidity tax on poor planning.

Every since I went to college (in the U.S.) I've heard people say that Americans can't drink because they start too late, so they don't know how to handle it, or they still find drinking very exciting. This is rubbish. The British drink until they are falling over all the time, and all their experience does for them is make it take more beer. The only good advice I ever got about drinking in Scotland was never to do it alone. The real difference in fatalities is whether you would think about risking people's lives by operating a car, and whether you would care more about your lifestyle or academic record than about getting someone poisoned to a hospital.

Joanna Bryson G

Solidarity With Israel, Not Prejudice

It is unfortunate that the author of "The U.S. Foreign Policy Bias" [Oct. 20] believes prejudice might be a key factor in the continuous

support the leadership of the U.S. has offered to the state of Israel and its not-so-sympathizing approach towards the Arab world and the Palestinian people in particular. (Cynically, the author himself errs in trying to categorize Jews and Arabs by their appearance and distance from American culture, while in many instances the similarities overwhelm the differences.) With a little more perspective, one might even be convinced that politicians make use of cognitive reasoning skills before taking a stand.

Perhaps the fact that Israel stood on the side of the "free world" during the Cold War, while Arab nations preferred to be subsidiaries of the USSR has something to do with it. Maybe the fact that many Arab regimes have poor democratic foundations and some of their rulers have radical standpoints which do not always consider the well-being of their own people has something to do with it. Maybe the fact that Israel managed to sign peace agreements with the more moderate of its neighbors has something to do with it. Maybe the fact that American flags are not being burnt and American citizens are not being arrested or kidnapped by Israelis, the fact that Arafat stood alongside Saddam Hussein during the Gulf War, and that he considers riots and martyrs as legitimate negotiation tools might have something to do with it. But I might be wrong; maybe it is prejudice

As far as gaining sympathy for Palestinians and preventing "witch hunts," Arabs can kill two birds with one stone by addressing the people involved and not only the American public opinion. Eventually, it is not the Americans, but the Israelis and the Palestinians who will live with the direct consequences of their acts. It would definitely help if we could hear moderate and mature voices in the Palestinian camp, similar to "Strength Through Understanding" [Oct. 20]. Voices, not fists, calling Arafat to genuinely act for the benefit of his people, and voices preparing the hearts of the men in the street for peace and for compromises — which, contrary to the popular belief, are not a sign of weakness and betraying Islamic principles, but of foresight and leadership. Such calls have to be heard for both Barak and Arafat to stay in power and reach a

peace agreement. The American support is then guaranteed.

Oded Rabin G

What Pronoun? (S)he Asked

I would like to raise awareness about the need for a new pronoun in American English. We do not currently have an acceptable third-person, singular, gender-neutral pronoun appropriate for references to humans. Here are the current options:

he — your English teacher's fave, offends feminists;

she — confusing, decidedly not gender-neutral;

it — inappropriate for humans;
they — plural, grammatically incorrect;

he or she, he/she, (s)he — inhibits readability.

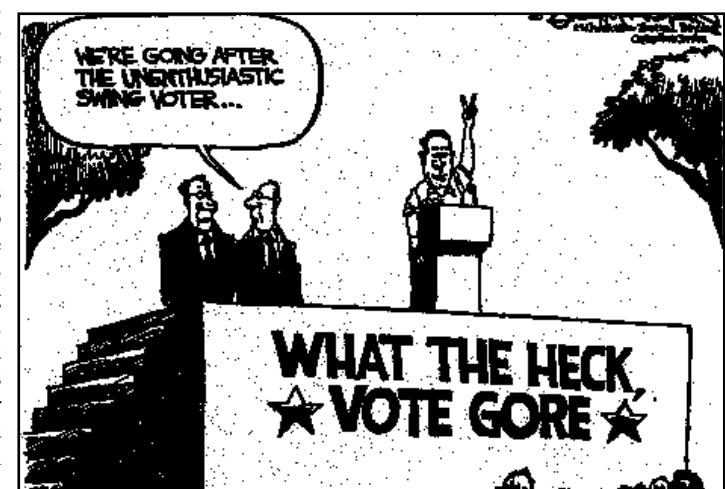
I am not trained in language, so I cannot say what the correct pronoun should be. However, I have been annoyed by too many random acts of bad and misleading grammar to stay silent on this issue.

Catherine Howell '03

Fun With White Space

I'd like to thank you and the author for printing such an especially pointless Fun with Clip Art during Parents' Weekend. Maybe now someone with power and money can complain vehemently enough for you to think about replacing it with something more useful and interesting, like white space

Vernon Rhyne '99



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, news editors, and opinion editors.

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

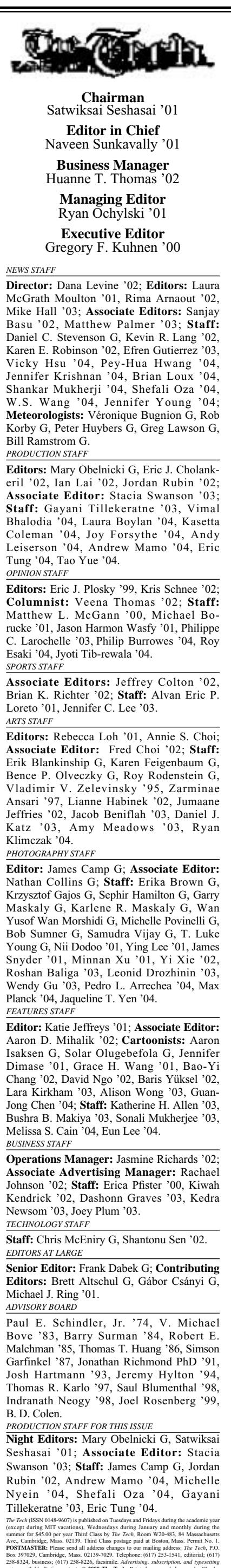
Columns and **editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and **cartoons** must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at http://the-tech.mit.edu.



Opening a Forum on the IMF

Philippe C. Larochelle

The MIT Undergraduate Economics Association will be presenting a lecture by Professor Rudiger Dornbusch of the Economics Department on Tuesday, October 31st at 4:30 PM in room 6-120. The topic of his lecture will be the controversies that have recently emerged concerning the policies of the International Monetary Fund within the global arena.

In preparation for this talk, The Tech will be publishing two columns in its Opinion section outlining the background of the material Professor Dornbusch will be discussing. The article today will take a look at some of the arguments that have emerged opposing the policies taken by the IMF. In next Tuesday's issue, Dan Tortorice will write a column outlining some of the arguments that support the IMF's actions.

The IMF and World Bank are international financial institutions that were formed at the economic conference held at Bretton Woods, New Hampshire in 1944. The International Monetary Fund is a worldwide financial institution created to regulate an international monetary system based on convertible currencies to facilitate global trade while leaving sovereign governments in charge of their own monetary, fiscal, and international investment policies. The World Bank was established to help finance the reconstruction of war-torn Europe and the development of poorer nations.

Hearing the initial descriptions, one wonders why there is such opposition to these institutions. Regulating currencies and helping poorer countries develop seem like positive and necessary goals. The opposition that has been mounting is in response to the kind of development that these institutions have been promoting over the past couple of decades. "If the WTO is the corporate rule-maker in the global economy, then the IMF and the World Bank are the institutions that push Third World nations into that system," explains Mike Prokosch, who coordinates the Globalization project at United for a Fair Economy, an organization that works for economic justice.

Today, the IMF and World Bank adopt policies promoting the neo-liberal development of distressed economies worldwide. If

an appeal is made to the IMF or World Bank for a loan, the IMF will agree to grant it if a government agrees to sign a "structural adjustment agreement." This is a guideline given to nations by the IMF for the past two decades and is to be followed by troubled Third World economies. Its main elements are:

Monetary Austerity: Control the money supply of the country in such a way that internal interest rates will rise to whatever is needed to stabilize the local currency.

Fiscal Austerity: Increase tax collection and reduce government spending dramatically, mostly in social spending.

Privatization: Sell public, state-controlled industries to the private sector.

Financial Liberalization: Remove restrictions on the inflow and outflow of international capital as well as restrictions on what foreign businesses and banks are allowed to buy, own, and operate.

These structural adjustment programs (SAPs) have had a decisive effect on the health, living conditions, and environment of developing countries. Cutting social programs

have caused "rampant forest destruction with no end in sight."

The IMF has not only come under attack from outside sources who question the motives and efficiency of its policy decisions, but also by noted individuals within its own framework. One of the most notable critics is Joseph Stiglitz, a Stanford economics professor and former chief economist of the World Bank. Shortly before the Washington, D.C. protests that took place in April, Stiglitz wrote an article in the *New Republic* stating, "They [the protesters] will say the IMF is arrogant. They'll say the IMF doesn't really listen to the developing countries it is supposed to help. They'll say the IMF is secretive and insulated from democratic accountability. They'll say the IMF's economic "remedies" often make things worse — turning slowdowns into recessions and recessions into depressions. And they'll have a point. I was chief economist at the World Bank from 1996 until last November, during the gravest global economic crisis in a half-century. I saw how the IMF, in tandem with the U.S. Treasury Department, responded. And I was appalled."

Stiglitz specifically criticizes what he sees of the mishandling of the Asian financial crisis by the IMF, which made the crisis worse by encouraging a policy of fiscal austerity after a wave of speculative investment led to bubbles, which eventually burst, in many sectors of the economy.

"Under such circumstances, I feared, austerity measures would not revive the economies of East Asia — it would plunge them into recession or even depression. High interest rates might devastate highly indebted East Asian firms, causing more bankruptcies and defaults. Reduced government expenditures would only shrink the economy further." The transcript of Stiglitz's article can be found at www.tnr.com/041700/stiglitz041700.html.

The controversies over the IMF are, of course, of great interest to those pursuing studies in the field of economics. However, other students not directly involved in economics still have a vested interest in the development of such issues, especially considering the fact that the IMF uses public funds (your tax dollars) largely to cover the risk taken by private investment. Professor Dornbusch's lecture will no doubt provide valuable insight into arguments both for and against the policies taken by the IMF.

They'll say the IMF's economic "remedies" often make things worse, turning slowdowns into recessions and recessions into depressions. And they'll have a point.

forces populations already desperate for meager levels of medical care into an even worse situation. The most striking impact of such policies is apparent in sub-Saharan Africa. The fulfillment of an SAP in Zaire in 1984 mandated that the government cut more than 80,000 teachers and health care workers. Similar cuts were seen in Senegal, where from 1980 to 1993 the number of people per nurse in that country rose more than six times, from 1,931 to 13,174.

Through the SAPs the IMF also mandates that the countries it loans money to increase exports, in order to insure that they have enough money to pay back their IMF loans. According to the American Lands Alliance, a Washington-based environmental group, the IMF-sponsored drive toward export-oriented growth has become a lead factor in the destruction of developing nations' ecosystems. In Indonesia, the ALA states that policies favoring the production of cash crops for

Save Greyhounds, Not Racing

Guest Column
Cynthia Cash

I'm sorry, but Michael J. Ring's take on Question 3 ["Save Racing, Save Jobs, Save Research," Oct. 17] is quite a stretch. The concept that the banning of greyhound racing will ultimately lead to the banning of biomedical research is preposterous, if not a bit paranoid. The proponents of Question 3 are not, as Ring suggests, a group of radical animal rights activists with a hidden agenda of ending any and all animal use.

The people behind Question 3 are, in fact, a grass-roots group, composed primarily of greyhound adopters who wish to ban greyhound racing for the simple reason that they are fed up with the continued abuses heaped upon the greyhound breed of dog. I have been involved in greyhound adoption for many years now and know the people supporting this bill. They eat meat and wear leather shoes. The simple fact that one supports an animal welfare issue does not automatically mean, as Ring suggests, that one puts human rights over those of animals. And why paint all Question 3 supporters with this brush of "animal rights extremists?"

Clearly, the intention is to diminish and dismiss the

validity of Question 3.

Not only is the tone of Ring's column over the top, his facts are wrong. Readers need to hear the other side.

As far as the racing dog's gourmet feast of

"beef, chicken, vegetables, and barley stew," please know that the primary staple in a racing dog's diet is 4D meat, 4D being the USDA's term for meat from cows that are dead, dying, diseased, or down.

The meat is notorious for *E. coli* and other bacterial contamination. The label on the package states "Do not handle with bare hands." That should be the first clue as to this supposed gourmet diet.

Ring's portrayal of the racing industry as being highly regulated is pure bunk. The National Greyhound Association has one full-time inspector charged with overseeing all the

greyhound farms in the country. I am enclosing a picture of Henry, a 9-year-old stud dog found emaciated on a

Massachusetts breeding farm just last February. Several malnourished and injured dogs were found with Henry in the unheated kennel just outside the Raynham-Taunton Greyhound Park. The owner was charged with neglect. Curiously, he was also licensed with the Massachusetts State Racing Commission as an assistant trainer. Some regulation.

Ring's further claim that owners and

As far as the racing dog's gourmet feast of "beef, chicken, vegetables, and barley stew" ... the primary staple in a racing dog's diet is 4D meat, from cows that are dead, dying, diseased, or down. The label on the package states "Do not handle with bare hands."

trainers go to great lengths to care for their animals if an injury does occur is also bunk. Case in point is Corky's Scanner, who broke a rear leg during a race this past January. His leg was bandaged, and he was sent back to the

farm where he received no further medical treatment for 7 weeks. When he was finally rescued, he was at death's door, ravaged with infection.

The track sand was still in his filthy bandage. That owner, too, has been charged with cruelty. The cruelty inherent in greyhound racing has a long, well-documented and poignant past.

Perhaps Ring should do more research before claiming that "thousands" of jobs will be lost should Question 3 succeed. According to state records quoted in a recent *Wall Street Journal* article, The Raynham track employs approximately 135 full-time and 350 part-time workers. The Wonderland track is somewhat less, but also primarily part-time. So it appears the real numbers are, in fact, less than a thousand, and mostly part-time at that. Now who is spreading "spurious lies," "false claims," and "misinformation?"

I was very disappointed to see Ring's biased column on the greyhound racing issue appear in such a well-respected newspaper as yours. I hope that your readers will see Ring's whipped-up hype about Question 3 as well as his conclusion that a ban on greyhound racing will ultimately lead to a ban on biomedical research for exactly what it is — hype.

Cynthia Cash is an independent advocate associated with greyhound racing.

Another Saturday Night

Kevin Choi

Over at East Campus, Brandy Evans '01 was busy organizing a SNEC party for the dorm. The SNEC (Saturday Nights at East Campus) has been a tradition at East Campus since fall 1999. Every Saturday night, one of the ten halls takes its turn putting on a party. This week, it was the turn of Brandy's hall, First West. That night's theme: Total 80s Immersion. That means Fraggle Rock, Care Bears, Duck Tales, New Kids on the Block, Nintendo 8-bit, and Speak & Spell.

Inside Talbot Lounge, where the party was held, residents from the halls gathered to play *Super Mario Brothers 3*. The game was so popular that Brandy had to hang up a waiting list on the wall. Those who were not playing the game cheered on those who were.

"D'oh!" someone snapped as Mario shrunk after being attacked by a fireball.

"You have to get to Negative World," someone across the room yelled out. "Here, let me help!"

After an hour of playing the game, a group of residents, led by Seth Bisen-Hersh '01, started chanting "Fraggle Rock! Fraggle Rock! Fraggle Rock!"

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Brandy bowed to popular demand. "I'm going to show 'Fraggle Rock' on the screen now. There's a small TV monitor in the corner if anyone wants to play more Nintendo."

The room got dark as everyone sat around the screen waiting excitedly for the show to start. As soon as the title song started, everyone sang-along as if it was Saturday morning again and they were watching the show from their beds. When Gobo and Uncle Matt came on screen, everyone cheered. It was the Muppets, after all.

Across the campus, at the Johnson Barbecue Pits, the MIT/Harvard Coming Out Week Barbecue was wrapping up. Dania Palanker, graduate assistant to the Lesbian, Bisexual, Gay, and Transgendered Programs at MIT, was happy and relieved. The event was a smash hit. More than fifty undergraduate and graduate students from the Cambridge college community showed up for the last event of Coming Out Week. Dania, new to the position, had worked hard all week to organize events and she was glad to see her efforts paying off.

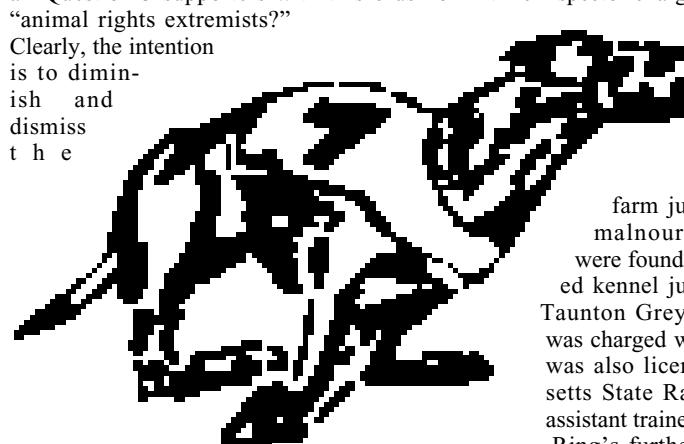
The students were busy cooking the meat and socializing. It was a beautiful night with just a small breeze and everyone was making new friends. To those who were present, it was nice and liberating to meet others like them in the community.

For Laura Dean, graduate student in Computer Science, it was a breath of fresh air. Long an activist on campus, she had gotten used to seeing the same people coming to the events that she organizes for GAMIT. This time around, there were plenty of faces that she hadn't seen before. "I'm glad to see people finally feeling comfortable enough to show up at a public LBGT event," she said.

Back at East Campus, Samidh Chakrabarti '01 could not attend SNEC. He was busy coding an artificial intelligence system for a spacecraft that will orbit Mercury in the near future. He had been working on the system for months with his UROP team since the summer started. This last couple of weeks though, he had found himself stuck. A near 5.0 GPA student, nothing was ever tough for him. He had finally met his match.

At 10:30 p.m., he received a phone call from a friend down at the party, saying that the pizzas had finally arrived. Samidh suddenly remembered that he hadn't had dinner yet. Reluctantly, he put his project on hold, and walked down to the party. It would only take him twenty minutes to eat, he thought, and then he could get back to his work.

On any Saturday night around Boston, most things stay the same. There's the club scene and the non-stop partying. At MIT, there are parties, too, just not your typical variety.



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FEATURES

Not Your Typical MIT Start-Up

Geekporn.com Uses Pornography as Vehicle to Distribute Arts and Features

By Katie Jeffreys

FEATURES EDITOR

MIT is known around the world for its technology-related start-up companies, but one recently founded company steps outside the typical start-up stereotype. Anna Dirks '99 launched Geekporn Productions, which runs the website [geekporn.com](http://www.geekporn.com). The company is described on its website <<http://www.geekporn.com>> as "an online production company dedicated to the distribution of high-tech erotic art."

The site's images primarily contain MIT students in various poses in recognizable locations around campus. One female student appears in a series of photos taken in Killian Court, in which she sits on the statues in the court or stands in front of the Great Dome.

Of course, to distinguish geekporn.com from other pornography sites, her body is covered in painted-on equations. According to the model, who spoke under the condition of confidentiality, the equations are "part of the proof for Fermat's Last Theorem." The theorem was proven by Andrew Wiles, which is why the model uses the pseudonym Andrea Wiles on the website. The concept for the photos came from the model.

"At first I didn't want to do it because I thought it was a sketchy idea," Wiles said. However, her vision for the equation image prevailed, and she now graces the site's main page.

Porn a way to distribute art

The intended foci of the site are the articles and features supplied by contributing artists. The unique forum of geekporn.com allows aspiring artists to reach a larger audience than they would otherwise. "The porn was just a way to get people there," Dirks said.

"For one of my theses at MIT, I made a vampire lesbian porn film," said Dirks, who received degrees in Women's Studies and a joint major (21E) consisting of Electrical Engineering and Creative Writing. She wanted to reach a wider audience than that possible with her small films, and saw the Internet as the ideal forum. Not only does it reach a wide audience, "the start-up cost for doing the website is nil." Finding models was simplified by the fact that many of the actors in the video, such as Wiles, were willing to pose for geekporn.com.

Legal concern unfounded

There had been unconfirmed talk that MIT was planning a lawsuit against the site because the use of the Institute's name in the context of pornography was considered defamatory. However, Dirks said, "MIT's administration has said nothing to me."

Senior Associate Dean for Students

Robert M. Randolph confirmed that because the name is used in images rather than text, the site is not under scrutiny. "The name's not a problem. They don't use the name as far as I know," said Randolph. He pointed out two areas which were bigger concerns than the use of MIT's name.

"There are some questions of the appropriate use of our facilities," said Randolph. "People don't take pictures of MIT's facilities without permission, and I don't think they asked permission."

In addition, Randolph said that "the bigger question is whether the people involved had proper recompense for what they'd done." Randolph fears that the students involved were not fully aware of the long-term implications of being involved with a pornography site. Yet his role is unclear. "It's hard to raise those issues without being perceived as an authority figure," said Randolph, who also recognizes the "freedom and autonomy of these people."

Dirks prepared for models potentially regretting their actions and had all participants sign contracts before becoming involved. "Everyone is there because they want to be," said Dirks.

Wiles agreed that she was aware of the repercussions of her actions. "I don't imagine that I will be doing anything that this will be a bad thing on my resume." Wiles hopes to be a theater set and costume designer.

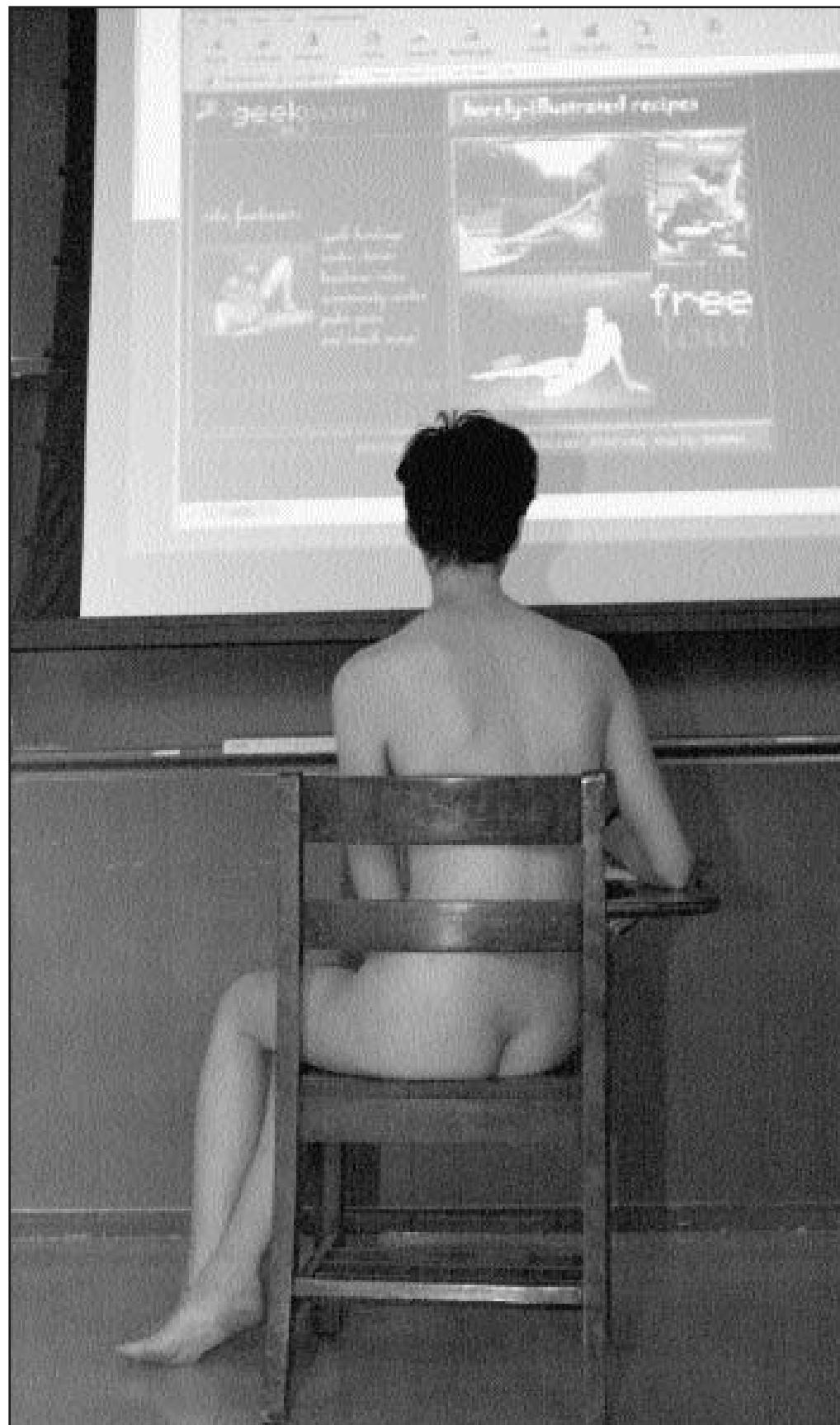
As of yet, she said the response to her work has been minimal. "There has been no one on the T who has accosted me," said Wiles. She has, however, received several e-mails soliciting sex which were sent by MIT students who had seen the site.

Response has been positive

Dirks has received feedback as well, but of a different nature. "E-mail responses have been overwhelmingly positive," she said. Traffic on the site is not enough to support her financially, however. "I got another job because it was too precarious a way to make a living," she said. She currently works at an open source software company in addition to running Geekporn Productions.

Following the nature of her second job, Dirks' current project for geekporn.com involves an open source software package. The software, called Eye of Gnome, is an image reeler which allows photographers to index images by keywords, making them more searchable. This is an ideal solution for porn sites which typically have large collections of images.

"I have gotten interested in offering people access [to geekporn.com] if they contribute to the development of software." In essence, contributors are paid in pornography.



A model, known on geekporn.com by the pseudonym Andrea Wiles, views the Geekporn website in MIT classroom 1-190.

This Week in MIT History

During this week in 1989, the MIT policy regarding public showing of pornography was under scrutiny. The following article ["Revised Porn Policy on the Table," October 31, 1989] describes the situation as it stood at that time. The current policy states that "that no pornographic films shall be shown in common areas at the Institute, including classrooms, lecture halls, corridors, and common spaces in MIT dormitories."

The Academic Council appears to support a new MIT Policy on Pornography that would prohibit the showing of pornographic films in Institute common areas, according to a letter from Faculty Chair Henry D. Jacoby and Associate Provost Samuel Jay Keyser. But the proposed policy is tentative, Jacoby said, and is still "very much up for discussion."

The proposal states that, except for educational or disciplinary purposes, "no pornographic films shall be shown in common areas" — including classrooms, lecture halls, corridors, and dormitory common rooms. Films shown by students in their own rooms would not be affected.

The policy is aimed at films that depict the degradation or abuse of individuals, Jacoby said. For example, films meeting this definition might present subjects as enjoying rape or humiliation, or as sexual objects to be physically abused. A policy on such films is needed, according to the proposal, because "everyone who studies or works here has a right to enter and use without being subjected to harassment, intimidation, abuse, or degradation."

The Office of the Dean for Student Affairs and the Committee on Discipline would handle complaints under

the policy. The two groups would determine whether the policy was violated, and what sanctions would be appropriate.

Council seeks feedback

MIT's Academic Council, which is composed of the Institute's top academic officials, has discussed the pornography proposal and appears to support it, according to Jacoby and Keyser. But before acting, the council "would like to hear comments and suggestions from faculty, students and staff."

Jacoby and Keyser have been circulating a draft copy of the proposal, which is the product of a year's worth of deliberation, among student and faculty groups. The current draft has been reviewed by the Faculty Committee for Student Affairs and the Faculty Policy Committee, and reflects those discussions. The proposal has also been discussed with the Graduate Student Council and sent to Undergraduate Association President Paul Antico '91, Jacoby said.

The full faculty is scheduled to discuss the draft proposal at its Nov. 15 meeting.

Last week, Jacoby and Keyser sent letters to MIT housemasters and to Neal H. Dorow, ODSA advisor to independent living groups, urging them to "circulate the proposal widely among students, to inform them of the proposal, stimulate discussion, and seek their reactions and suggestions."

Current policy has no blanket ban

The current pornography policy does not prohibit the use of MIT facilities for showing pornographic films, but

it does regulate the time, place, and manner in which they may be shown. A group wishing to show an unrated or X-rated film must have an Institute committee review the film in advance. If the film does not meet the standards of the screening committee, it may not be shown on registration day of either term, during Residence/Orientation Week, or in Kresge Auditorium. Also, the sponsoring group must give six weeks advance notice before the showing.

The proposed policy differs from the present one, Jacoby said, in that it limits its scope to films that use sexually explicit material to dehumanize or abuse subjects, rather than films which are merely X-rated or unrated. Jacoby said he did not foresee a problem in deciding what films meet the policy's criteria.

The draft also does not include a provision for prior restraint, Jacoby said. Groups or individuals wanting to show films would not be required to have them screened in advance. Only after a complaint had been filed would the ODSA or COD involve themselves in a case.

In November 1987, the Committee on Discipline ruled unanimously that the present pornography policy constituted "an excessive restraint on freedom of expression at MIT." The COD's ruling came in a case involving Adam L. Dershowitz '89, who intentionally violated the policy in February 1987. The proposed policy is, in part, an attempt to deal with the COD's criticisms of the present policy, Jacoby said.

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The Big Race 2000

Energy and The Environment

By Derrick Carpenter

STAFF REPORTER

In two weeks the citizens of this country will head to their local polling stations and choose the next president of the United States. Many of them have weighed the issues that have been presented over and over, such as social security, education, and health care. It is doubtful, however, that many have considered an issue that provide one of the largest divergences in the platforms of the two main presidential candidates: the environment and sources of energy.

With regards to energy, Bush opposes the use of the Strategic Petroleum Reserve unless in situations of war or a national emergency. He supports construction of new pipelines and would increase refining capacity by eliminating regulations. The governor would invest federal funds to research clean coal technology and hydroelectric power. Bush would also instruct the Energy Department to identify federal land that could be opened and explored, and he supports the exploration of oil and gas in the Alaskan National Wildlife Reserve.

Vice President Al Gore opposes the search for new oil and gas resources in the Alaskan reserve. He promises to devote a portion of the anticipated surplus to create the Energy Security and Environment Trust Fund. Gore supports a variety of tax credits for energy-aware consumers, including \$2000 for the purchase of a new energy efficient home, \$1000 for upgrading the efficiency of a current home, 20 percent for businesses who purchase energy-efficient building equipment, and undetermined amounts for the purchase of fuel-efficient vehicles and the purchase of energy from a cleaner source.

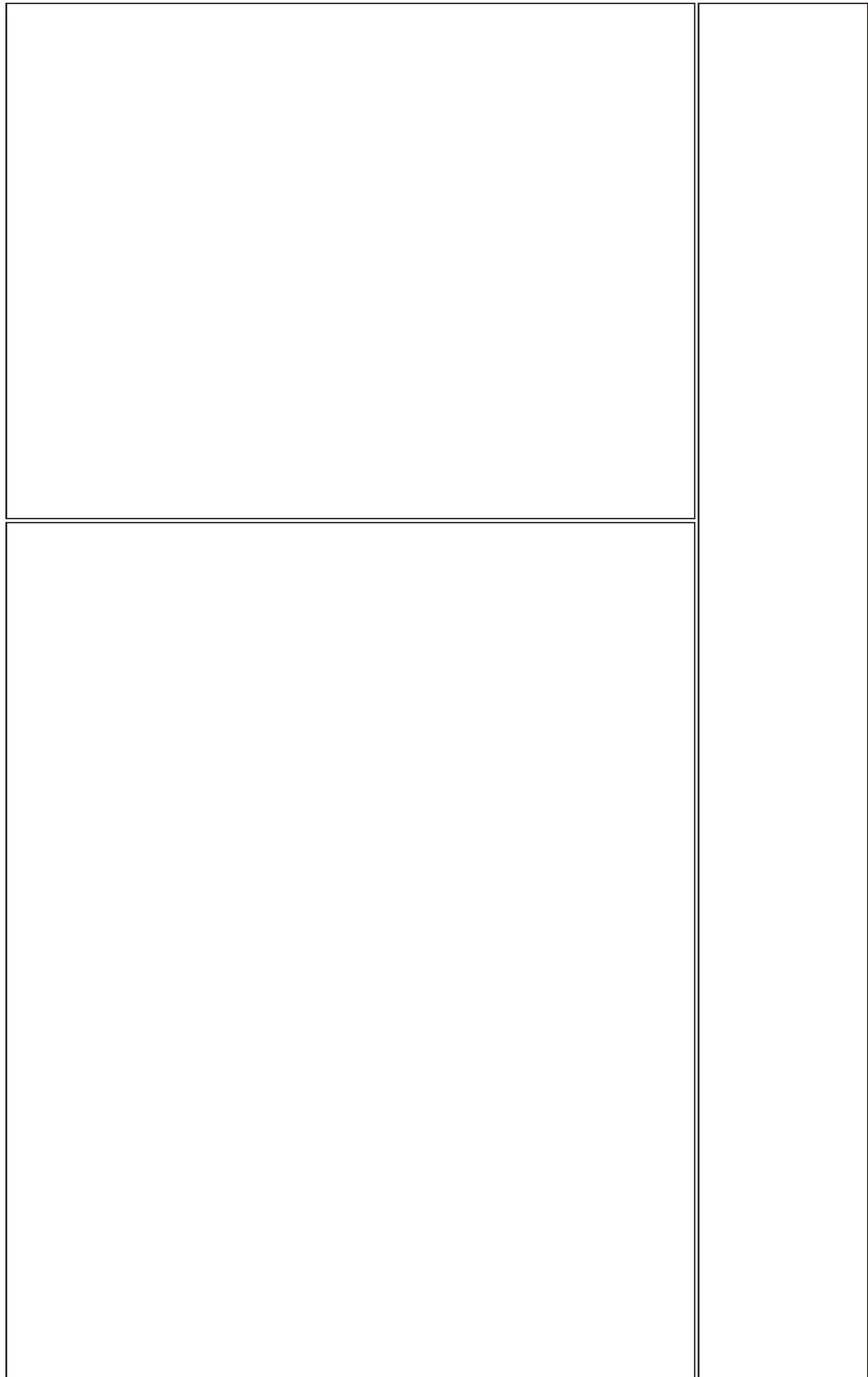
If elected, the vice president would provide assistance to state and local government to aid families and business in cutting energy bills, as well as providing financial aid to communities for creating new jobs to develop strategies to reduce pollution and greenhouse gas emissions. Gore supports tapping the Strategic Petroleum Reserve to increase oil supplies, prevent shortages, and stabilize prices. Furthermore, he supports the establishment of a permanent heating oil reserve in the Northeast with an appropriate trigger for use.

On the broader issues of the environment, Gore supports the ban of offshore drilling in undeveloped leases in California and Florida. He will spend \$2 billion over the next ten years to create new park lands and open spaces, \$1 billion in tax cuts to landowners who conserve property, and \$1 billion for cities and states to create local parks. Gore would increase the money for clean water programs, raise standards, and ensure a more feasible watershed approach to improving water quality. Gore also supports expanding the Conservation Reserve Program that aids farmers in conservation and environmental efforts. Moreover, he supports the clean up of the nation's worst environment problems and giving people the "right to know about toxic releases in their neighborhoods."

Governor Bush supports the increase of state patrol over environmental issues. He promises to establish "conservation partnerships" between the federal government and the states, local governments, and private landowners to meet environmental standards. The governor would fully fund the Land and Water Conservation Fund to \$900 million plus, giving \$60 million in grants to private landowners.

He plans to decrease the sulfur content in gasoline and supports research into the causes and impact of global warming, with the goal of creating new technology to reduce greenhouse gas emissions. Bush proposes working with the Florida and California leaders and affected communities to decide on a case-by-case basis whether drilling should continue on existing leases. In addition, he supports the improvement of the country's public lands, wildlife refugees, and national parks.

The striking differences between party identification begin to emerge over such issues as environment and energy. Both Gore and Bush realize the importance of a healthy, clean environment but differ on how to go about achieving this ideal. Just be sure to take these ideas into consideration when you step into the booth in two weeks.



Swiss House Comes under Fire

By Arthur Musah

The Swiss House for Advanced Research and Education (SHARE), a building opened two weeks ago by the Swiss consulate to Cambridge, has sparked protest and debate among Cambridge residents.

The facility was established to service visiting scientists and professors from Switzerland and to enhance their interactions with American scientists. "Swiss House is the first science consulate," said Xavier Comtesse, a representative of Swiss House. Herbert Einstein, an MIT professor who works at Swiss House, said that SHARE is a contact point for interaction with universities and high-tech companies.

The loss of a local laundromat and a convenience store which used to be where Swiss House now stands, coupled with the presence of an institutional building in a townhouse development project, has caused residents in Ellery Square to protest.

Residents attack SHARE location

"It still is a mystery as to why the SHARE Program should be located in a residential district rather

than in Harvard, Central or Kendall Square, where office space is readily available and there would be no contention with neighbors," said MIT Professor Emeritus of Electrical Engineering and Computer Science William Schreiber, who lives next door to Swiss House.

Comtesse said that the location was chosen because it suited the needs of the project adequately.

Schreiber and other residents question the decision by the Board of Zoning Appeals to grant permission for such a project. However, Liza Paden of the Community Development Department said that Swiss officials successfully petitioned last year for permission to establish an institutional building in a residential area.

According to Paden, the Inspectional Services Department looked into the matter and held a public hearing at which abutters could air their opinions and concerns. The findings of the Inspectional Services were in favor of the Swiss project, and a special permit was granted by the Board of Zoning Appeal for the construction of Swiss House.

In an attempt to overturn this decision, some residents of Ellery Square sued the BZA and the Swiss Government, but they were defeated

in court and eventually settled the case in the Court of Appeals.

Schreiber pointed out that while he and the other residents of Ellery Square are not opposed to the Swiss or their project, they object to the inappropriate location for such a facility. He said that encroachment by institutions is frequent in Cambridge and said that many Cantabrigians agree.

Of 300 requests for signatures for a petition that were sent out to neighbors in the Ellery Square area, Schreiber said that 90 were signed and returned, a high number for such a petition.

On the other hand, Comtesse said that efforts to secure support for Swiss House yielded only 60 signatures. In a letter to the *Cambridge Chronicle* last year, Schreiber wrote that of the 60 signers, only one lived nearer to the closed-down convenience store than to some other food store.

"Some of those opposed to this latest example of institutional encroachment in our neighborhood picketed on all four nights [when receptions were held at Swiss House two weeks ago]," Schreiber said. "It was gratifying that those who stopped to talk with us were almost all on our side."

Students Argue That Decision was Flawed

Discrimination, from Page 1

based on sexual orientation, it "does not protect against discrimination on the basis of specific beliefs ... such as the acceptance of one's sexual orientation."

Although TCUJ found that TCF did discriminate against Catalano, many feel the decision nullified the University's nondiscrimination policy. "The difference between orientation and self-acceptance is nonexistent," Tufts English Professor Jonathan Strong told the crowd on the roof. "There is no gray area."

"We want to get the administration to take a stance other than neutral," said Laura A. Sheppard-Brick, a Tufts student and member of Tufts Students Against Discrimination.

After a few brief speeches from Tufts students and faculty, the students marched from the library roof to the center of campus, eventually surrounding the administration building. A student then delivered a box to the administration which contained over 1200 letters of protest.

Among the participants were stu-

dents from Harvard University, Emerson College, Northeastern University, Wentworth Institute of Technology, Regis College, and Boston University.

"If we choose to ignore the politics of other schools in our area, we allow them to set a precedent," said Harvard student Thomas P. Dow.

Nam D. Le, a student at Northeastern, said that he came because "what one local university will do, others will look to as an example."

For TSAD, the group that organized the rally, the event was a success. "It felt really good to work so hard for this and see everyone come together like they did," said TSAD member Courtney B. Young.

But for Tufts student Nuntiya K. Paravichai, it wasn't good enough. "There are 5000 people at this school. We only got about 1000 signatures. I don't think this is enough."

TCUJ overturned past decision

Last April, when Catalano informed TCF leaders that she was bisexual, the group responded by denying her a leadership position for the upcoming year. Catalano filed a complaint with TCUJ which claimed that TCF had discriminated against her on the basis of her sexuality.

In an emergency meeting, TCUJ ruled in a 4-1-1 decision to de-recognize TCF. When a group is de-recognized, it no longer receives funds from the university and it loses its privilege to use university facilities for its meetings. De-recognition usually occurs only in cases where a club is essentially inactive. With active groups, de-recognition is a rare procedure which makes a strong statement.

As neither the TCF nor Catalano was present at the meeting, the decision was later overturned. The case again came before the TCUJ on Friday, October 13. Both parties were present at this hearing, which was closed to the public.

On Monday, October 16, TCUJ ruled that TCF had not intentionally discriminated against Catalano, laying much of the blame on TCF adviser Jody Chang. TCF was put on probation.

"The main part of the ruling did uphold TCF's right to choose leaders based on religious criteria," said Jonathan C. Crowe, a TCF member who said that this is an issue of religious freedom.

Crowe feels the nondiscrimination policy as it stands "has been effective. It was intended to protect against discrimination, and it has done that." He called the formation of TSAD "a largely emotional response" which was "totally unnecessary."

Howard Solomon, a History professor at Tufts who also spoke at the rally, warned about finger-pointing. "When we win the battle, we will have lost the war if we do it using 'us-them' rhetoric," said Solomon, referring to TCF and TCUJ. "We cannot win in the sense of silencing others."



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Policy May Increase Off-Campus Drinking

Drinking, from Page 1

students in one dorm have acquired fake IDs. John King, the director of public safety at Tufts, admitted that the number of off-campus incidents resulting in arrests made by Somerville and Medford police has increased since last year, when the party policy was much more lenient.

Freshman Kimberly Chao disapproves of the change in party policy at Tufts. "People will be forced to find something else to do other than merely throwing a party," she said. As for MIT's influence, Chao concedes that the Krueger settlement

has a "rippling effect, and affects social life here in Boston and everywhere else."

Other student responses to the crackdown have included a Social Life Forum, which Greenberg said was attended by over 350 students. Although no promises were made to change the current policy, negotiations were started between the Inter-Greek Council, students, and the faculty. Greenberg noted a compromise may include university funded police details who would watch over each party. Several fraternities had tried this idea before, and have liked the notion, he said.

The Tech has been nominated to win this year's UMOC (Ugliest Manifestation on Campus) Contest!

Suggest a charity for The Tech to



JAMES CAMP - THE TECH

Dr. Pascal Lee of the NASA Ames Research Center describes his experiences investigating Mars-like landscapes at Earth's polar regions. Lee's talk was one of the opening lectures in MIT's weekend-long Mars Week event, sponsored by ThinkMars, an MIT/Harvard organization dedicated to sending a manned mission to Mars in the near future.

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THE ARTS

BOOK REVIEW

The Century of the Gene A Brief History of the Genetic Revolution

By Izzat Jarudi

Written by Evelyn Fox Keller
Harvard University Press

Evlyn Fox Keller's *The Century of the Gene* is a well-crafted, concise history of both the word and the concept of the gene and ultimately argues that the term "gene" itself should become history.

As a chronicle of molecular genetics, Keller's account effectively outlines the field's breakthroughs from Watson and Crick's discovery of the structure of DNA in 1953 to the Human Genome Project's recent accomplishment in mapping the sequence of the human genome. At the same time, Keller, a professor of history and philosophy of science at MIT, enriches her history of the genetic revolution by acknowledging the more subtle contributions of biologists who provided the theoretical and experimental foundation for the major triumphs of the last fifty years.

The aim of the book, however, lies in an analysis of how the discoveries of molecular genetics in the last two decades have challenged the classical role of the gene as the structural and functional unit of heredity. Keller divides her book into four chapters that each demonstrate how much more complicated biology's understanding of heredity has become since scientists like Crick paraphrased the secret of life by the formula: "DNA makes RNA, RNA makes proteins, and proteins make us."

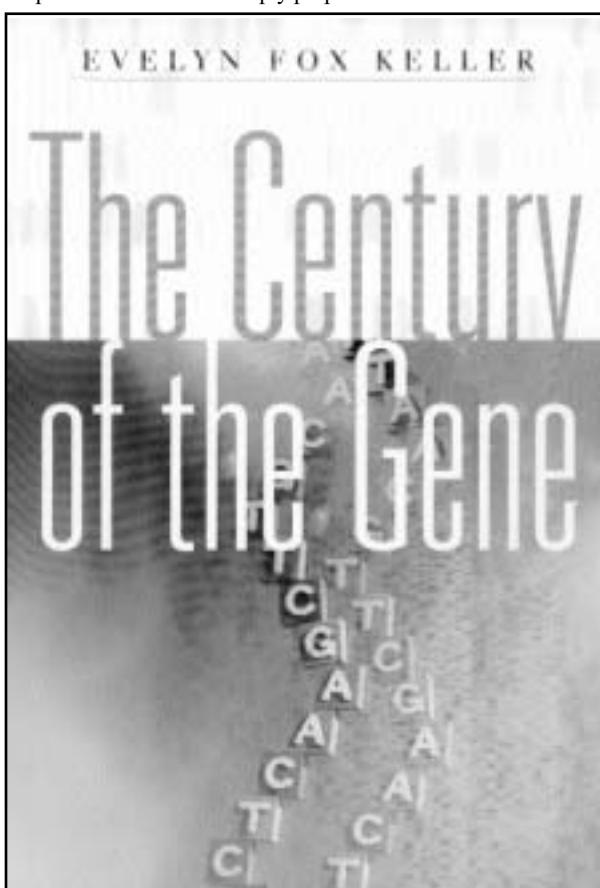
In each chapter, Keller addresses a fundamental issue of genetics in the last hundred years, like the balance between genetic stability and variability for the purposes of heredity and evolution. To that historical account, she adds the lessons from modern molecular genetics that have transformed the picture of heredity from a static and isolated process to a dynamic and interactive system in the human cell.

To reflect that change, Keller argues that biology should adopt a new lexicon for heredity because the appealing but inaccurate simplicity of the original conception has proved difficult to separate from the word "gene." The obsolete view of the gene as the core explanatory concept of heredity and development persists most tenaciously in the popular press where the term, she admits, will be more

difficult to replace than it was a hundred years ago. In 1906, Wilhem Johannsen implemented what she is hoping will happen again in the twenty-first century. As Keller relates, Johannsen invented the word gene to supplant "older terms [that] had become dysfunctional, exerting too powerful a hold on our thinking."

Keller's book is full of such examples where her obvious mastery of the history of molecular genetics makes her predictions about its future so convincing. Keller certainly challenged some of my impressions of human heredity, and she did it in under one hundred and fifty pages. That is rare among the abundance of books published this year that have chronicled the events and people of the last century. Keller's presentation is clear and focused, thanks to a meticulous organization that allows the reader to draw the essential meaning from every section and chapter even if the biological terminology is occasionally confusing. Her profound familiarity with the people behind the century of the gene makes the book an enjoyable narrative rather than a dry history.

I was only left wondering why, after arguing so effectively for a new lexicon as the ideal next step for molecular biology as it begins a new century of research into the secrets of life, Keller did not simply propose some new words herself.



This is the cutline text.

GAME CONSOLE PREVIEW

The Microsoft X-Box You Can't Escape It

By Jumaane Jeffries

STAFF WRITER

It's been listed in the main headlines. Displayed on the cover of *Newsweek*. Even showcased at a party near you. What is it? Microsoft's X-Box.

With the new generation of video game wars about to begin in America, news surfaced of a stunning blow to the predicted victor, the Sony PlayStation 2. Sony is faced with the daunting task of satisfying 1,000,000 hopeful owners with only half as many of the mega-console.

The Sega Dreamcast, currently the sole arcade-quality console in America, has enjoyed moderate success, with its price cut to \$149 and an online service for it. The system is relying on online blockbusters such as *NFL2K1* to help propel them to the proverbial Super Bowl of gaming.

The PlayStation 2 boasts the "Emotion Engine" and DVD capabilities, as well as enhanced graphics processing power. While its setback will prevent a repeat of Japan's runaway first-day sales of over a million, they appear destined for a record American launch less than a week away.

Finally, details on Nintendo's new box have surfaced. Not so much a box as a cube, or rather, Game Cube, it features screenshots that feature Nintendo's benchmarks such as Mario and Metroid. In addition, Nintendo plans to release Game Boy Advance, a 16-bit version of the best-selling platform of all time.

So who will win in this fifth modern chapter of the console wars? Will either Sega or Nintendo once again flourish as they did in the early 1990s? Will Sony, the landslide victor of the first 3-dimensional battle, pull it off again? Or will the old guard once again fall at the whim of a new contender?

Microsoft will have something to say about that.

Microsoft's X-Box remains the biggest next-generation mystery. However, if one were to play the numbers game alone, the X-Box would be superior to all of its counterparts. Its 64 MB of main memory, for example, tops all systems. What's more, the ability to manually partition it towards gaming tasks makes it a dream for game developers. A 733-MHz processor is its driving force, and while it won't stand up well to gigahertz-powered personal computers, it will vanquish all other systems in that regard.

As demonstrated by the Microsoft Tech Talk seminar held here at MIT on September 28, the folks at Microsoft are very aware of its competition. Lead speaker and X-Box general manager J. Allard highlighted some of a modern console's popular features these days. The X-Box, too, is online-capable,

using an Ethernet-based connection, as well as DVD-ready. Allard stressed, however, that its DVD-capability would by no means be its primary, or secondary, feature of importance.

Allard emphasized the need for a memorable experience graphically, stating, "We set the bar to be three times more powerful than the PlayStation 2." The X-Box possesses a whopping 64 MB of texture memory and is additionally powered by a 300 MHz graphics processor from rising chip-maker NVidia. But who needs numbers when you have demos? The presentation did a good job of showing off how X-Box handles reflection and translucency with its impressive "floating plane of water in an office building demo." A demo in which a ball sets off a chain-reaction of mousetraps shows its ability to simulate physical motion, including the ever-difficult rotation effect.

Since we're talking about Microsoft, the X-Box's PC comparisons are inevitable. "We are a console," is one of the main messages that Allard aimed to deliver to the audience, which filled the lecture hall beyond capacity. The somewhat bulky physical design, shaped like a large 3-dimensional X (of course) was made with that in mind. According to program manager Todd Roshak, the playing environment held a major role in the X-Box's definition. Whereas the average PC gaming experience requires a singular, intense engagement that is physically closed off from others, he said, the video game is played in an environment that is more conducive to group play requiring human contact. (At least it's the same environment in which one would watch TV.)

There is no question that the X-Box definitely has support. If you're somewhat familiar with PC gaming, you've most likely heard of Microsoft's entertainment-based successes such as its various Flight Simulators, *Links*, and *Age of Empires*. The level of pledged third-party support is already tremendous, with such names as Capcom, Konami, and Eidos among the big name companies. Of course, one would expect new titles as well as classic names to hit this Box. But, even though I've seen my own favorite video game mascots in rather odd places these days, Microsoft achieved somewhat of a feat of magic by luring Naughty Dog's Crash Bandicoot away from Sony for an X-Box stint.

OK, so it's not a PC. It will, however, possibly be the biggest thing to hit America next fall. The X-Box is "Ready 2 Rumble" with some pretty solid numbers. Will we have to agree to another anti-trust settlement to prevent its dominance? Let's hope not when the "evil empire" — or gamer's paradise — expands even further in 2001.

MUSIC REVIEW

State of the Airwaves British Bands, Big Ego, and Badly Drawn Boy

By Dan Katz

STAFF WRITER

I'd like to respond to all of the e-mails of concern and sympathy for my tragic ankle injury with the news that I am feeling much better. Yes, I'd like to do that, but there weren't any e-mails of concern and sympathy. Don't any of you people have souls? Based on this infraction, I am far less apologetic that a couple of errors crept into last week's concert listings (Doughty and Superdrag moved their shows to this week). Let's call it even, and talk about the week of music ahead.

The Paradise Rock Club, one of my favorite music venues in Boston, has reopened! They start off with a bang tonight, with a show from the vocal-less Ozric Tentacles, and on Saturday, Superdrag plays with locals The Gravel Pit. Also tonight, Moby and Hybrid play another show at the Palladium, which, although I couldn't confirm it at press time, is probably sold out. Tomorrow at the Middle East, you can catch a show with unlikely one-hit wonders Southern Culture On The Skids, an undeniably strange band who managed to pull off some heavy airplay for "Camel Walk" about five years ago.

Thursday BBMak are at the Avalon; they're certainly not a rock group, but I give the threesome props for being the only boy band today that actually plays their own instruments. Ani DiFranco is in town for a two-night stand Thursday and Friday at the Orpheum, while Squirrel Nut Zippers

does their flashback swing-dancin' thing at the Roxy Friday night.

Saturday's packed to the rim with a bunch of shows, several of them connected to the ever-nearing Halloween. Former Soul Coughing front man Doughty plays a gig at Lilli's in Somerville; closer to home, Rolling Stone presents a night at the Avalon with Elliot Smith and critical darlings Grandaddy. Jim's Big Ego have their annual Halloween show Saturday, playing sets at 7 and 10 p.m. at Club Passim in Harvard Square, and a huge show called the Electric Funeral that combines metal and hip-hop with psychedelia and features Kool Keith, Lockgroove, Cave In and more, will be held at the Wheeler Lynch Gallery.

New albums out today: PJ Harvey's work is always reliable, and her new disc, *Stories From The City, Stories From The Sea*, should be out by the time you read this. Shawn Mullins (remember "Lullaby"? Funny, neither do I...) aims for a second successful album with *Beneath The Velvet Sun*. Former Mercury Music Prize winners, Roni Size and Reprazent follow up *New Forms* with *In The Mode*, and 6Gig have a new record out today called *Tincan Experiment*.

Speaking of the Mercury Music Prize (a large cash award given in Britain to the most deserving album of the year), this year's winner was Badly Drawn Boy, who previously didn't make many waves in America apart from an appearance on one of the best tracks from UNKLE's *Psyence Fic-*

tion. Now his new album, *The Hour of Bewilderbeast*, is out here and driven by a great single, "Once Around The Block," with an adorable video, in which two teenagers are kissing and their braces lock together. Between the images in the video, the use of a melodic bass line and bouncy guitars, and BDB's wonderful vocals, he generates a very sweetly innocent atmosphere through the song which just makes you happy when you listen to it.

Hey, it's been a few weeks since I took a cheap shot at Katie. Did you know that The Essential Vegetarian only eats vegetables because she never learned to chew solid foods? Yes, folks, three-year olds can digest tofu, and so can you!

I can't quite figure out Dexter Freebird's "Leaving Town." It's got a lot of qualities I like in a power-pop song — major volume contrasts and a clever little guitar riff — but I still don't seem to like it very much. Perhaps it's the dullness of the lyrics, or the fact that the refrain is so generic that it should be labeled "Semisonic Chorus #3" or "Eve 6 Chorus X." A decent effort, but I'm not impressed.

Since I probably won't get around to reviewing it in the near future: Electrasy's *In Here We Fall* is a very surprising album with wonderfully rich songwriting and excellent guitar playing, and great production. I hadn't heard of the band before this release, but it's definitely worth picking up, especially if you like British alt-rock bands like Mansun, Muse, or Bond.

This has been State of the Airwaves, and I've been Dan. If you've got comments, questions, or you recently ran into me and want to know what the hell happened to my hair, you can summon me via <airwaves@the-tech.mit.edu>. Until then, I'll be locked in a small wooden trunk until *The Tech* needs another edition of Cambridge's seventh favorite weekly music column. While I'm trying to find a comfortable crouching position, have a good week and keep expanding your horizons.

CONCERT REVIEW

Family Weekend Concert

A Celebration of American Music



GABOR CSANYI—THE TECH

Dante Anzolini leads the String Chamber Orchestra

By Devdoot Majumdar

Last Friday and Saturday, parents and their abysmally patient children alike sat in awe of two wonderfully put-together musical shows in honor of MIT's annual family weekend extravaganza. Though a bit more low key, the shows garnered well-deserved full houses in Kresge and proved to the audience just how great music at MIT — both from the music department itself and from individual *a capella* groups — can get.

Friday night was essentially a collage of MIT's music department, highlighting the String Chamber Orchestra; the Percussion, Wind, and Festival Jazz Ensembles; and the Concert Choir. All in all, I didn't fall asleep — quite the opposite, actually.

Though the theme of "American Composers and Dance Music" (later ad-libbed to "World Music" in light of pieces by Bartok & friends) wasn't perhaps the most enticing, they did a good job in playing the saucy, stay-aware pieces.

String Chamber Orchestra

Beginning with Arthur Piazzolla's *Canyengue*, the 12-member chamber orchestra endowed the drama-tism, violent stops, and dissonant overtones of this piece with a sense of ease and freedom. Led by a fiercely red-faced Dante Anzolini (the music director), they continued to perform *Six Romanian Dances* by

Bela Bartok, a composition of six separate pieces, each with its own moods and intonations, brilliantly performed by the orchestra.

Percussion Ensemble

The Percussion Ensemble is quite an oddity — an enchanting oddity — but an oddity nonetheless. Despite the fact that all of their faces (yes, all seven of them) were masked quite effectively by a sea of music stands from the preceding performance, the percussion ensemble jolted the entire audience with a unique and creative take on music.

They took the *Lion King* approach to music, perhaps, in personifying an African fable through percussion. Their performance of "The Gift of the Modupe," by Thomas Brown, was a vibrantly emotional masterpiece. In any case, the tingle of xylophones, castanets, and triangles brilliantly employed by the Percussion Ensemble (under the direction of the seeming master of versatility Frederick Harris) made for a very enjoyable, awakening performance.

Concert Choir

Led by Director William Cutter, the MIT Concert Choir decided to feature the music of Aaron Copland, whose orchestral music I respect greatly — though the performance of such pieces wasn't *as swell*. Nonetheless, music is music, and delivery is delivery. And the delivery by the choir was good.

Singing six of Copland's choir pieces, there were times of bliss and times of unsettlement as to what they were singing about. But lyrics are lyrics, and music is music. More seriously though, the choir is a little short on tenors and basses and that makes for a female "overpowerment" on many of the pieces.

A remarkable solo by Daryn Harkins '01 in Copland's "The Boatmen's Dance" resulted in a very operatic solo backed up by the encompassing females of the choir. Harkins's solid voice made the lyrics much easier to interpret. Indeed, the choir put on a delightful performance of *music* — a masterful presentation, dauntingly delivered because of the remarkable synchronization of 104 voices.

Festival Jazz Ensemble

Hard to fall sleep on these guys (and one girl!), as their performances of hits by jazz greats Sonny Rollins and Duke Ellington rocked the house. Truthfully, enumeration of great performances in the ensemble would be all-inclusive, so without the slightest trace of trite euphemism, I say, they *all* did a splendid job and closed the evening with a bang.

Though the brass section was basically *the* section of the evening, I have to commend the guitarist and conga player Paulo Oliveria G for being the only one to groove to the beat like a *real* jazz musician.

The Festival Jazz Ensemble closed the evening with "Mira, Mira," a salsa beat by Matt Harris that featured ebullient solos by each of the members, most notably sax player Christopher Rakowski '02 and Tom Sharfeld G on the trumpet.

All in all, I guess the most fun of watching the ensemble perform is watching those pale, MIT faces turn violently pink — spewing out jazz as close to flawless as can be expected from MIT students.



The MIT Concert Choir, singing the music of Aaron Copland

Musical Groups High

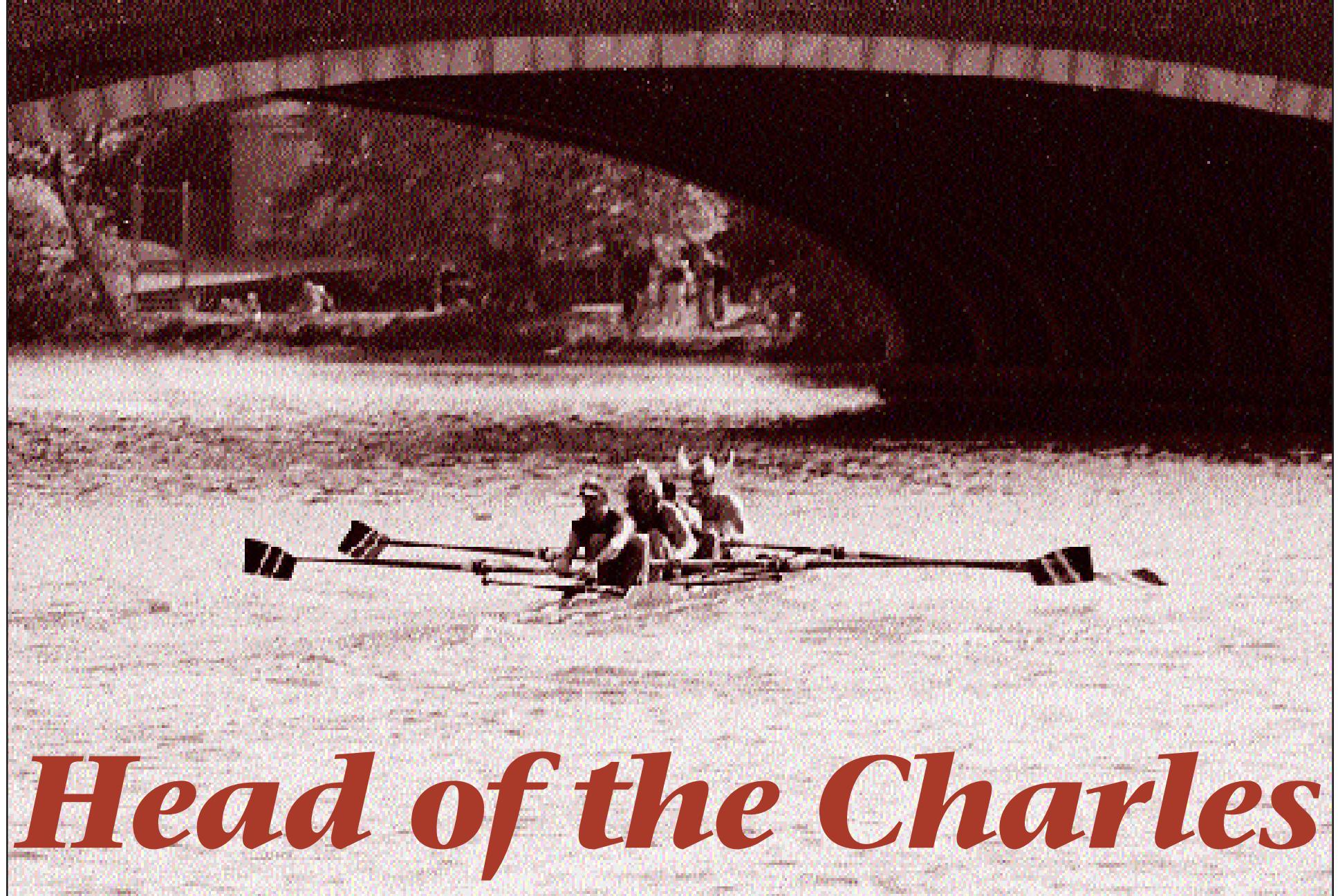


BRIAN HEMOND—THE TECH

Curtis Chin solos on his alto saxophone during the Family Weekend Concert last Friday night.



Flying in formation to imitate an airplane, The Logarhythms proudly displayed out



Head of the Charles

JAMES CAMP—THE TECH

MIT Crews Perform on Par with Last Year's Teams in Annual Race

By Melissa Cain

STAFF REPORTER

This past weekend over 300,000 spectators lined the banks and bridges of the Charles River to watch more than 6,000 rowers from all over the world, including MIT students, compete in the Head of the Charles Regatta, the largest rowing regatta in the world.

TAthletes competed in youth, collegiate, master, and veteran age groupings representing more than 300 clubs, colleges, and universities worldwide.

The course was 3 miles long down the Charles River from the Boston University Boat House through Cambridge to Herter Park on Soldier's Field Road, Boston.

MIT athletes representing undergraduates, graduates, MIT Sloan, the MIT Boat Club, and the MIT Rowing Association competed in more than 8 categories.

Many MIT students who went as spectators to cheer the crews on were overwhelmed by the amount of people and crews in the event. Tenley D. McHarg '04 said that the reality of the importance of the Regatta did not hit her until, "I was walking across the [Harvard] bridge, and I saw all the crews and I just thought this is huge."

Sarah E. Smith '04 said that, after hearing so much about the Regatta, "it was just exciting to see [it] happening."

The undergraduate Women's Varsity Crew entered three teams into the Regatta. Under the name of the MIT Boating Club, the Varsity Women finished 36th in the Women's Club 8 division with a time of 18.37.67. The MIT Women's Lightweight Crew finished 10th in the Women's Lightweight 8 division with a time of 19.00.33. Rowing as the MIT Rowing Association, the Women's Varsity finished 20th in the Women's Champ 4 division.

The Captain of the Women's Varsity Team, Katherine S. Graham '04, was satisfied with the performance of all

the boats.

"My boat [the Women's Champ 4] had an exciting race, but we didn't finish well," Graham attributes this to the fact that the Champ 4 had a few collisions along the course of the race. "The Club 8 had a good race," she said. "They beat who they

time of 17.02.31. The MIT Sloan Crew finished 62nd at 18.12.98.

An MIT Sloan Crew finished 35th in the Women's Club 8 division with a time of 18.37.67.

The MIT Graduate Crew was the only MIT entry in the Men's Master 8. They finished 27th with a time of 18.32.43.

The MIT Rowing Association entered a crew into the Men's Lightweight 8 division that finished 9th with a time of 16.20.79.

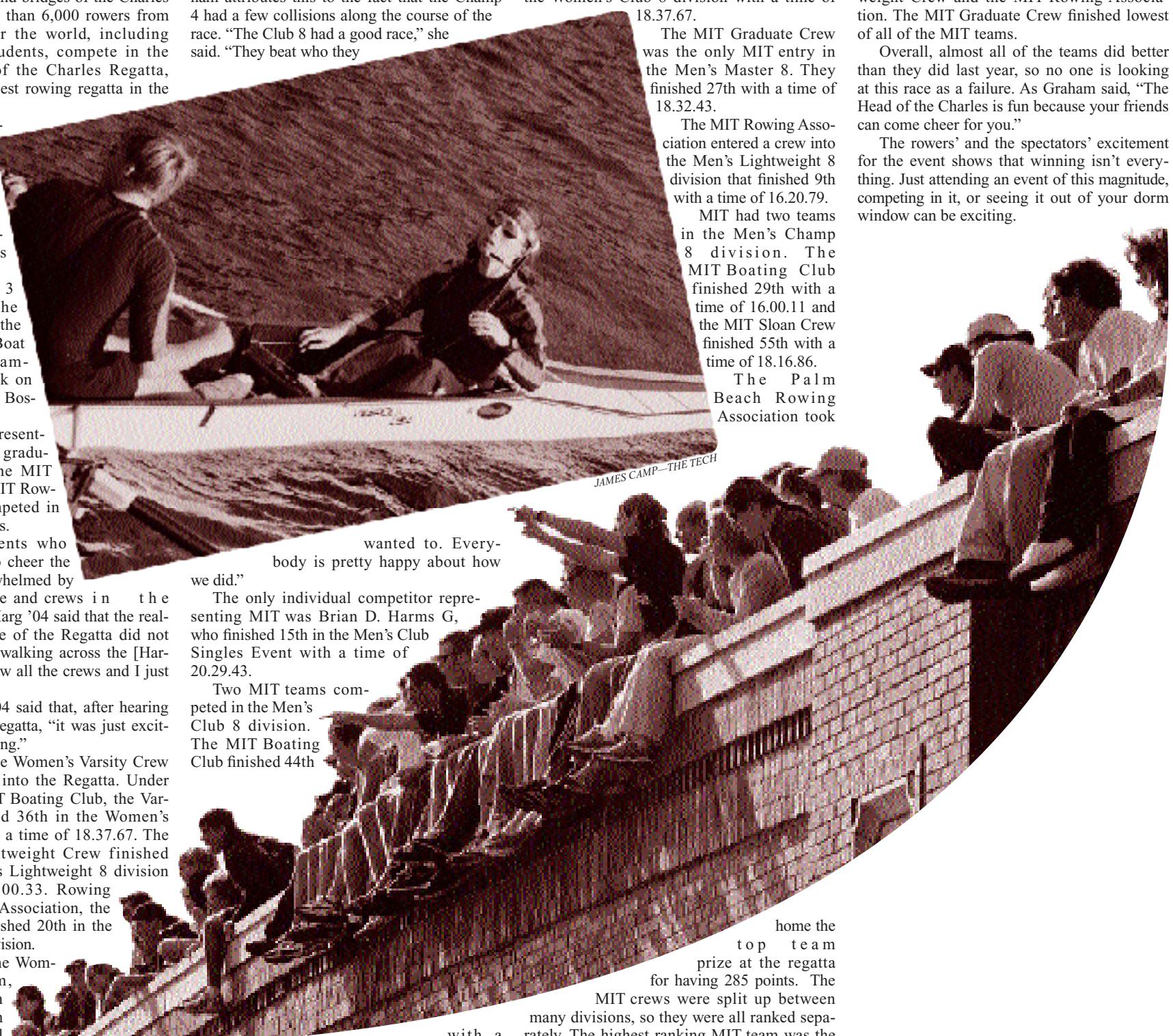
MIT had two teams in the Men's Champ 8 division. The MIT Boating Club finished 29th with a time of 16.00.11 and the MIT Sloan Crew finished 55th with a time of 18.16.86.

The Palm Beach Rowing Association took

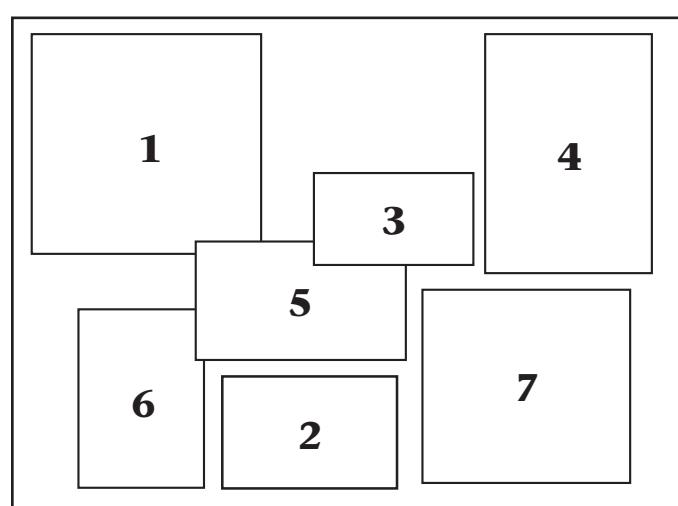
MIT Sloan Crew that finished 144th with 35 points. The MIT Boat Club was next with 34 points, followed by the MIT Women's Lightweight Crew and the MIT Rowing Association. The MIT Graduate Crew finished lowest of all of the MIT teams.

Overall, almost all of the teams did better than they did last year, so no one is looking at this race as a failure. As Graham said, "The Head of the Charles is fun because your friends can come cheer for you."

The rowers' and the spectators' excitement for the event shows that winning isn't everything. Just attending an event of this magnitude, competing in it, or seeing it out of your dorm window can be exciting.



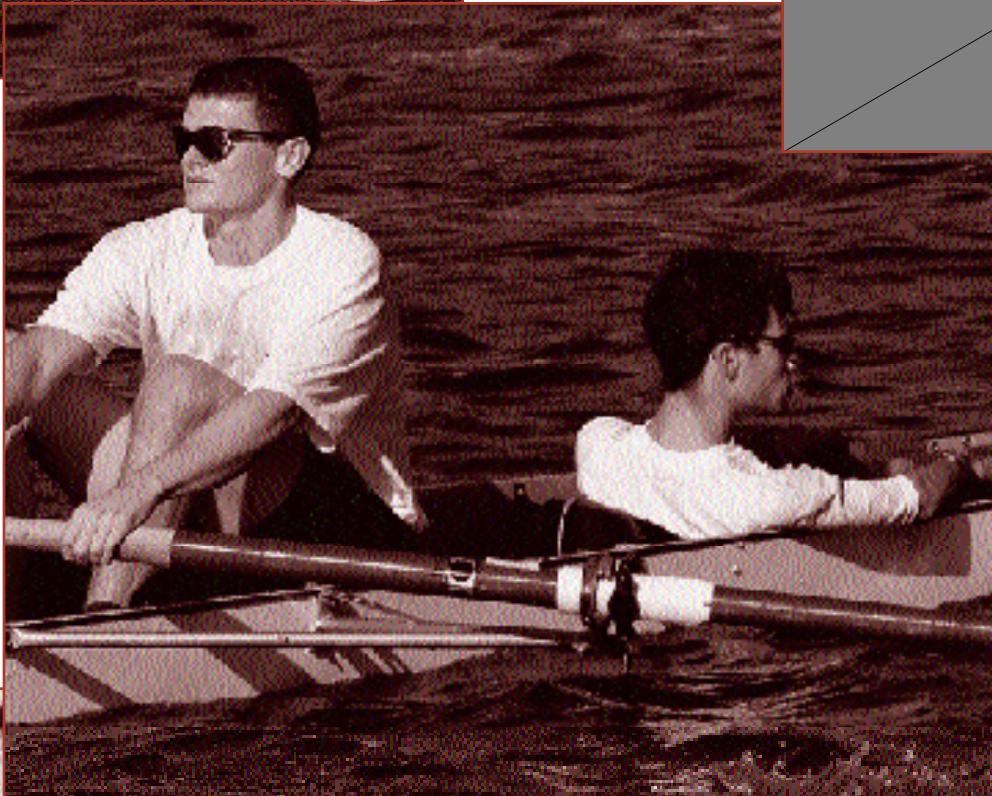
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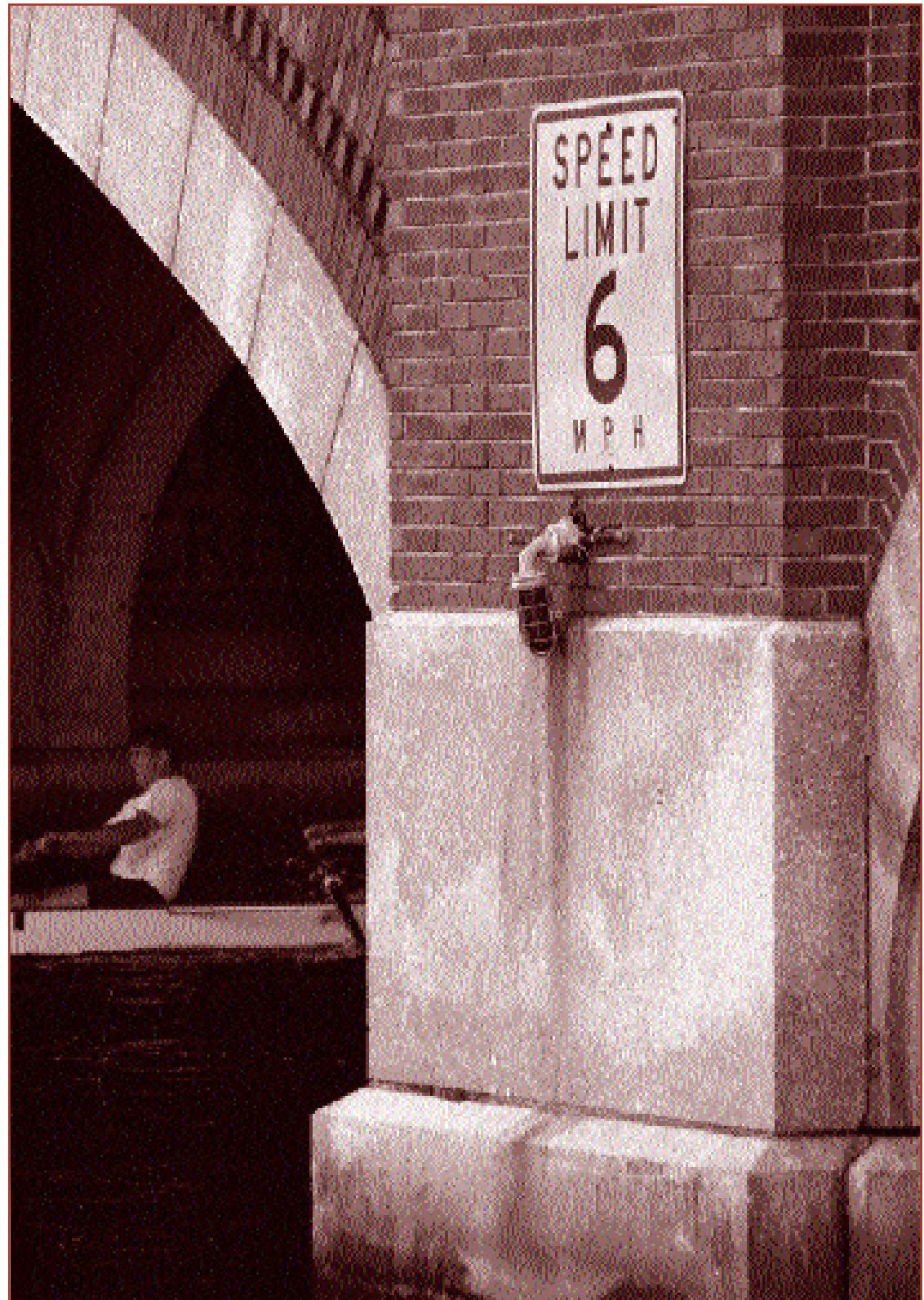
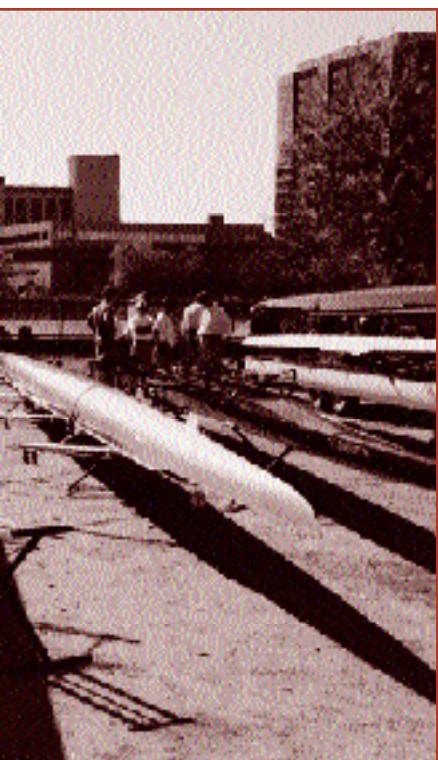
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JAMES CAMP—THE TECH

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Information
Wednesday, October 25th
5:30 p.m.- 6:15 p.m. Session 1
6:15 p.m. - 7:00 p.m. Pizza
7:00 p.m.-7:45 p.m. Session 2
Room 8-119

Interviews
Thursday, October 26th and Friday, October 27th

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GABOR CSANYI—THE TECH

Light Family Weekend

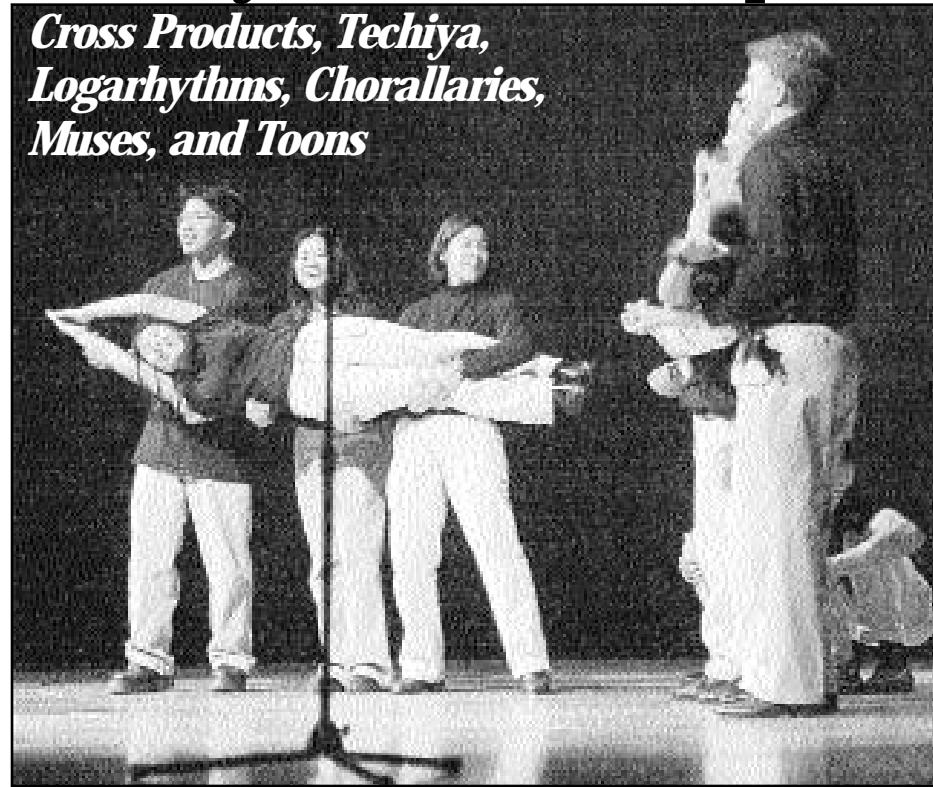


WENDY GU—THE TECH

CONCERT REVIEW

Family Weekend a capella

*Cross Products, Techiya,
Logarithms, Chorallaries,
Muses, and Toons*



WENDY GU—THE TECH

Opening Saturday night's *a capella* concert, the Cross Products demonstrated the more technical meaning of their name.

A Capella, from Page 1

Chorallaries' jubilance extended to Tori Amos's "Purple People," "If I Could" by Phish, and perhaps most notably, "Excuse Me Mr." by No Doubt. They even managed to remove the weighty cacophony of "Excuse Me Mr." with musical commotion — various tunes from the different members, all somehow melding into one great euphony.

No shoes?

Yes, it is the Logarithms. Adorned in silly hats and green and yellow suits, the Logarithms are so much more than just another *a capella* group. They are a comedy troupe, a musical troupe, and a carefully tuned percussive instrument.

They started with an interesting rendition of "Mysterious Ways" by U2. Most notable was their creative interpretation of the uniquely 80's base and drums.

While performing a brusque and quirky comedy sketch about aberrant neurons, the upbeat, humorous overtones of the group really showed through.

They closed with a tribute to funk that inevitably brought out the reclusive James Browns in all of the MIT parents. They began with a weak and rushed version of "Ladies Night," which nonetheless proved to be hilarious in light of the fact that there are essentially 16 eunuchs singing, "If you hear any noise it ain't the boys, it's ladies' night!" Segueing into "Jungle Boogie," and later an animated version of "Celebration" with the group swaying left and right to the melody, the Logs put on a purely delightful show for the crowd.

Divas, seriously...

The Muses (twelve well-dressed females) sang mightily, powerfully, professionally, and tastefully. Picking easily recognizable songs like Sisqo's "Thong Song," Ella Fitzgerald's "How High the Moon," and Fleetwood Mac's "Dreams," they picked up a lot of audience interest.

In selling their CD, they enacted a modified version of the Sisqo classic into a funny little jingle. Instead of "Baby move your butt, butt, butt," the Muses use "only twelve bucks, bucks, bucks."

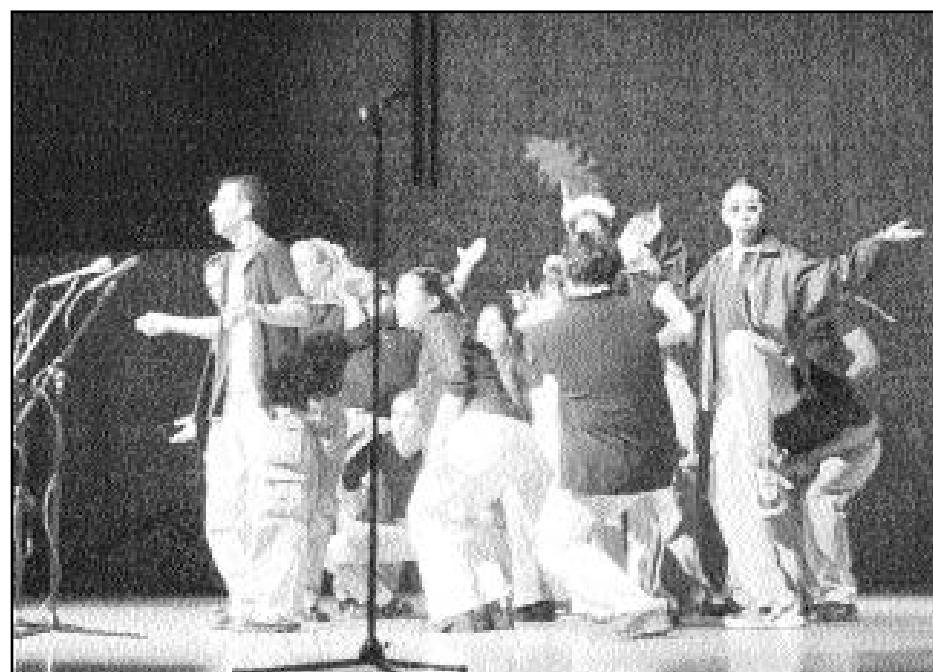
It isn't the salacious black dresses or the fact that they're all female that uniquely distinguishes the Muses. They are a powerhouse of great voices. In "Dreams" (originally by Fleetwood Mac and later by the Corrs), Vanessa Speed '03 delivered a powerful, sweet performance with great determination, far better than Fleetwood Mac's version. As well, the backups to the song were creative and formed quite an enjoyable side harmony — all in all, quite a sublime experience.

Wellesley women

Arguably saving the best for last, the Toons (the co-ed MIT/Wellesley group) came on and heartily entertained the audience. It seems to be custom in *a capella* groups to choose songs that everybody has heard of (with few exceptions). The Toons decided to resort to the lowest common denominator, Disney, and sang "Colors of the Wind" from the Pocahontas soundtrack. Rounding out their pieces were Smash Mouth's "Then The Morning Comes," and the fantastic "Angels Would Fall" by Melissa Etheridge.

The best two solos of the night were from the Toons. Sawaka Kawashima '01 delivered a soulful rendition of "Colors of the Wind" with more emotion than Sebastian the crab in heat. Wellesley sophomore Brooke Bryant sounded as close to Melissa Etheridge in "Angels Would Fall" as can be imagined. The depth and mesmerizing quality of her voice is without compare, and it was further heightened by the colorful backup provided by the group.

In an attempt to lure fans to their next concert, they began a comedy sketch mimicking the old 60s version of Batman, complete with "Pow!" and "Bang!" Closing the evening, they added that light humorous, family touch that sent MIT families feeling (at least temporarily) that their \$36,000 was going somewhere useful.



WENDY GU—THE TECH

Performing "Rebubula" by Moe, the upbeat Chorallaries dazzled Kresge Auditorium with sleek moves.

RESTAURANT REVIEW

Torch**Good Food, Long Wait**

By Raja Mohan

STAFF WRITER

26 Charles St.
Boston MA 02114
(617) 723-5939

Attracting throngs of investment bankers and consultants from Boston's most prestigious firms, Torch is a neatly situated French bistro claimed to be "Boston's Best New Restaurant." Evan Deluty, owner of the restaurant, gained experience in the food business by working at Upstairs at the Pudding and attending the Culinary Institute of America. Conveniently located a few T stops away from MIT, Torch is a classy restaurant as long as you don't mind the bill.

Though the seating area is compact, Torch evokes a romantic feeling. There are long, narrow mirrors that span the room, with valances decorated by fancy merlot bottles. The setting is part French bistro, part minimalist, a theme which carries over to the food.

The menu is quite simple: 7 appetizers, 7 entrées, and 3 desserts. There are no specials whatsoever. I ordered the mussels (\$8) from the list of appetizers. They were prepared with white wine, red onion, garlic, and red pepper flakes. The mussels were tender, with a subtle hint of garlic sautéed in virgin oil. As I waited an hour and a half for my entrée, the waiters offered freshly baked bread that went well with the olive oil.

I sampled the hanger steak (\$23), which was served over puréed potatoes covered with truffle vinaigrette and sprinkled with small bits of black truffle. Most of the meat dishes at the restaurant are cooked medium rare unless otherwise requested. Supposedly, the meat market where Deluty buys his meat is where Julia Child also goes. The entrée was superb. Although it looked simple, the taste offered richness and more.

Another dish worth noting is the duck breast (\$24). This dish is garnished with carrots and slices of potatoes and splashed with a tasty red wine shallot sauce. Deluty has catered to sushi lovers with salmon tartar (\$10), raw fish with Japanese rice and wasabi.

The three desserts are two fruit tarts (\$7) — mixed berry and caramelized banana — and crème brûlée. The menu even suggests some wines that complement the desserts.

Even though it is a long wait, if you would like to try a new, chic restaurant in Boston, then I definitely recommend firing up your appetite and going to Torch this weekend.

FILM REVIEW

World's Best Commercials of the Century**Art or Advertising?**

By Amy L. Meadows

STAFF WRITER

Museum of Fine Arts
Fri., Oct. 27, at 6 p.m.
Sat., Oct. 28, at 12:45 p.m.
MBTA: Museum stop on the Green Line

Americans have ever decreasing attention spans. Advertisers are paying more and more for thirty seconds of prime time. Advertising bleeds over from commercials into the movies and television shows we watch. In this environment, commercials have become almost as popular as the shows they sponsor. Some people just watch the Super Bowl for the commercials aired during the game. Given this, one could conclude that those thirty-second advertising tidbits are a certain junk food for the mind. Or are they? *The World's Best Commercials of the Century* undermines our junk-food assumption and elevates commercials to a higher plane of marketing and artistic creativity.

World's Best Commercials sample a diverse array of advertisements, from cigar ads to public service announcements. The top one hundred commercials were selected from entries to the Cannes International Advertising Film Festival. Although there were commercials from around the world, the English-speaking coun-

tries — England, America, and Australia — dominated.

Perhaps the cultures of these countries are more accustomed to the medium. More likely, the cultures are more receptive to the field, therefore allowing more creativity and expression because that is what sells the product.

The most remarkable commercials were the funny or the shocking (and sometimes both). The British certainly had numerous representatives in each of these categories. Of the one-hundred commercials in the collection, forty-six were British. The British versions of commercials for which Americans have similar products just seemed funnier. For example, John Cleese provided the voice for a Sony compact disc player commercial; he suggested people sip tea and crunch biscuits while listening for the same effect as their old record player. Also notable, the politically incorrect commercials, those that poked fun at cultural norms or even standards of decency, were largely from outside the United States.

My personal favorites were the "classics." Even ones I hadn't seen myself, but had heard people talk about or heard their jingles and catch-phrases, fell into this category. Remember the California Raisins? Remember the Energizer Bunny? I don't personally remember the Apple Computer "1984" ad that aired only once, the

FILM REVIEW ★★

The Legend of Drunken Master**Drunken Fun**

By Vladimir Zelevinsky

STAFF WRITER

Directed by Chia-Liang Liu
Written by King-Sang Tseng and Kai-Chi Yun
With Jackie Chan, Lung Ti, Anita Mui, Ho Sung Pak, Ken Lo
Rated R for violent content

The *Legend of Drunken Master* is unique in the sense that unlike other Jackie Chan films it is not only about Chan doing what he does best, namely defying laws of physics. There is a surprising amount of subtext here as well, which is good as long as the subtext does not overwhelm the text.

Filmed in the early nineties under the title *Drunken Master 2* (it is a sequel, but pretty much self-sufficient) and released with a new musical score, *The Legend of Drunken Master* is a perfect illustration of its own theme: Chinese culture being exported to the West, via any means possible.

Here, Jackie (his character is, as usual, given some name, but let's face it: Chan is Chan, even when he pretends to be James Bond, as in *First Strike*, or Indiana Jones, as in *Operation Condor*) plays a hapless martial arts student, living with his step-parents who run a weird combo of a kung-fu school and a clinic. His strict father (Lung Ti) teaches regular kung-fu and, thus, is wary of Chan's own brand of fighting: drunken boxing. This noble art (by the way, there is a drunken boxing in-joke in *The Matrix*) mostly consists of staggering around as if the fighter was drunk, flailing his arms about and generally making a clown of himself. It is also highly effective, because of its inherent unpredictability, in dispatching numerous foes. It is also very, very funny.

The Legend of Drunken Master is very impressively mounted: the mass scenes (for example, the train

"Where's the Beef?" commercial, or the Life Cereal "Milky" commercial, but I felt like those commercials were part of my cultural heritage.

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Currently, commercials transmit as much cultural information in the medium, as much as songs, books, or movies. The commercials remind you of a particular place and time. Further, these commercials have become a big part of popular culture. As said in the program notes, "The selections are certain to promote discussion and debate." Indeed, what distinguishes popular culture from art? What can be said of beer commercials? Are they provoking discussion or debate? What cultural message are advertisers sending by showing women in bikinis? Maybe the possibility of commercials becoming a mechanism for cultural transmission should force some accountability on the part of the advertisers. However, commercials are an interesting and fascinating medium, and *World's Best Commercials* does promote discussion and debate about advertisement, art, and accountability.

sequence in the beginning, or the attack of a horde of ax-wielding assassins) are visually dazzling, and their scale is impressive. Even more importantly, such sequences afford a wonderful window into the everyday Chinese life (I don't know how authentic they are, but they feel authentic, and that's what really matters). Even the main plot (about a British band of smugglers stealing historic artifacts) depends on this atmosphere to gain weight and importance.

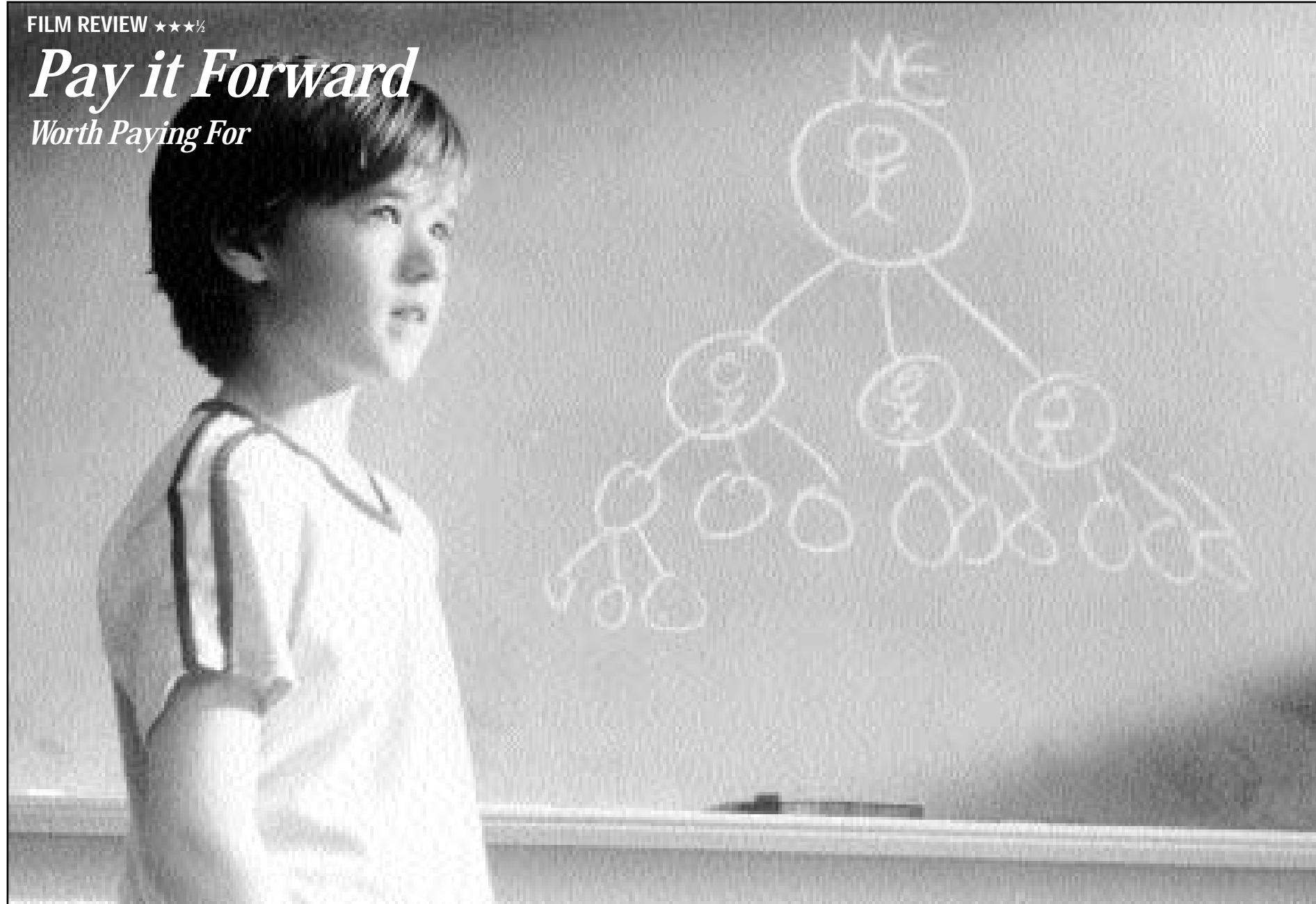
If only the two main subplots were anything as involving. One of them involves the loss of a valuable ginseng root, and it's totally irrelevant (although when one character attempts to substitute it with a giant rutabaga, it is quite funny). The second subplot is the conflict with Chan's step-parents, and the less is said about it, the better; random switches from drama to slapstick comedy and back rarely work. Anita Mui, as the step-mother, does imbue the antics with great comic timing; the rest is quite dispensable.

What does work superbly is the martial arts choreography, and it is nothing short of superb. In particular, the final sequence, a seven minute fight in a steel mill (it took, by the way, four months to film, yielding between three and four seconds of usable footage per day) is utterly and absolutely incredible, including one shot that is simply a physical and biological impossibility. The fact that this shot (involving a bed of hot coals) was filmed without any cinematic trickery really surpasses belief.

FILM REVIEW ★★½

Pay it Forward

Worth Paying For



By Ryan Klimczak

STAFF WRITER

Directed by Mimi Leder

Produced by Mary McLagen and Jonathan Treisman

Written by Catherine Ryan Hyde and Leslie Dixon

Starring Kevin Spacey, Helen Hunt, Haley Joel Osment, Jay Mohr, Angie Dickinson, Jon Bon Jovi, and James Caviezel

With an award-winning cast of actors, *Pay it Forward* proves to be one of this year's most emotionally evocative movies. Eugene Simonet (Kevin Spacey), a scarred social studies teacher, gives an assignment of impossible standards, "Think of an idea to change the world and put it into action." Fascinated and entranced by such a bold proposition, Trevor McKinney (Haley Joel Osment) scrupulously constructs an ambitious idea known as "Pay It Forward," an elaborate system where one person helps another, and they, in turn, have to help three other people. The project initially goes awry, but as the realization of the intrinsic goodness of humanity is achieved, his idea sparks hope for his mother, his teacher, and ultimately the world.

By far, the strong acting performances of Kevin Spacey, Helen Hunt, and Haley Joel

Osment carry the movie to its greatest strength. Spacey superbly depicts the figure of Eugene Simonet, a dimly sheltered man whose only strength lies in his regimented and empty life. With cogent conviction, Spacey succeeds in personifying a credible role as the horribly burned and dedicated teacher, far surpassing Mel Gibson's performance in a similar role in *The Man Without a Face*. His talent is truly manifested in the scene where he tells the distraught Arlene McKinney (Helen Hunt) the painful truth behind his scars. He speaks with deep torment and passion and successfully expresses with profound insight the frustration, anger, and resentment of his character to the audience. This is a different, but welcomed, approach to his usual acting persona, the subdued and methodical manner seen in such films as *Seven*, *The Usual Suspects*, and *American Beauty*.

Helen Hunt plays a somewhat suited role for Arlene McKinney, the tawdry and alcoholic mother to Trevor. With tastelessly bleached hair, a conspicuously artificial suntan, and unkept make-up, she successfully portrays the appearance of her role, especially in the morning scene where she wakes up, disheveled, and attempts to coax Trevor while battling a hangover. The audience is presented with the epitome of Las

Vegas casino trash. However, Hunt's distinctive and almost innately intellectual voice contradicts her character as an unintelligent and garish casino changer and cocktail waitress.

Haley Joel Osment, the Oscar-nominated star in *The Sixth Sense*, continues to prove that he is one of the greatest child actors to date. With raw emotion and eleven-year-old artlessness, Osment portrays the role of Trevor, a dedicated and unassuming seventh grader who, in a guileless attempt to complete his assignment, unknowingly kindles a revolution of kindness and hope for humanity. Osment successfully bridges the gap between acting talent and youth. For movies that require young characters, there exists the inevitable Catch-22: Either use young, untalented actors, and form a believable cast, or use older, talented actors and form an unrealistic cast. Osment essentially represents the best of both worlds, with his powerful acting ability and young age. The caliber of his acting talent is exemplified in *Pay it Forward* with poignant expressions and passionate scenes of struggle, anger, and frustration.

The film offers a unique story line consisting of two separate interlaced plots of different time frames that meet at the end of the story. At one level of the plot, there is the creation of the "Pay It Forward" plan

and the personal character struggles of McKinney, Simonet, and Trevor. On another level, set in the future, there is a reporter (Jay Mohr) who encounters this phenomenon after he receives a Jaguar from a seemingly altruistic and outgoing stranger when his car is totaled.

The reporter searches for the source of this unique plan as he goes on a spiritual journey to examine the kindness of human nature. The audience is introduced, step by step, to the lives and people who were touched by "Pay It Forward." Though initially confusing, this sequence of events provides an effective and dynamic perspective of the story, as the audience is able to see the effects of Trevor's plan without a long drawn-out, and consequently, boring plot.

The score of *Pay it Forward*, composed by Thomas Newman, reflects his previous score in *American Beauty* with the same subtly and ambiguous atmosphere created by the music of the film.

With an outstanding cast and a unique plot, *Pay it Forward* provides long-needed optimism and inspiration to the cinematic screen after a year of depressing and dull movies. Eugene Simonet brings up an interesting question in his class, "What if the world is just a big disappointment?" Well, the world may be, but this movie sure isn't.

FOOD REVIEW

The Essential Vegetarian

Failed Gourmets

By Katharyn Jeffreys

FEATURES EDITOR

Some of you may recall my interaction last year with Networks, the grease pit that used to reside on the first floor of the Student Center. It was replaced this summer by Courses, a more upscale, supposedly healthier and more gourmet version of its predecessor. Having eaten there a few times already this semester has caused me to realize the changes were probably not for the better.

The vegetarian options all seem to be no better than last year, pre-made, or containing portobello mushrooms. (The sweet potato fries are greasier than necessary, and certainly more so than Network's fries.)

Now, I like portobello mushrooms as much as the next person, but I don't want to eat them every day, and I don't want to eat them if they are prepared poorly. A pre-made sandwich I tried contained the obligatory portobello mushrooms and eggplant. The eggplant was so leathery I had to take it off the sandwich. Overall the changes are a disappointment simply because Courses tries to be something it is not — a gourmet café.

I recently took advantage of my heavily-subsidized-by-MIT-bus-pass to go down to Harvard Square and sample the

fare at Grafton Street (1280 Massachusetts Ave., Cambridge). Grafton Street is an Irish Pub (meaning the bar is nearly as much a focus as the restaurant area) serving a mix of traditional U.K. fare with influence from the continent.

The vegetarian options are surprisingly plentiful for a pub, including pastas, fresh vegetables, and salads.

I tried the fried eggplant ravioli appetizer (~\$7) to start. The filling was a somewhat bland mush, and any flavor was overpowered by the fried taste of the shell surrounding it. Served with a boring red sauce and placed on a bed of greens, it was a barely passable start to the meal.

My entrée was two portobello mushrooms served with undercooked zucchini and summer squash topped with caramelized onions and goat cheese (~\$11). The onions and cheese were the highlight of the dish, as the portobello mushrooms were slightly mushy. The entrée was served on the same bed of greens as the appetizer, with a few added carrot shreds, tomatoes and cucumber slices.

The menu is as pretentious as the clientele, with a wait-staff to match. The waitress made me feel like she was doing me a favor by serving me, and was not attentive to the little things, such as empty water glasses. In addition to the haughty attitude in general, the restaurant was exceedingly

dark and with the bar attached, relatively noisy. I will not be returning to Grafton Street anytime soon. I would rather wait and go to an Irish Pub in Ireland.

Since it seems that portobello mushrooms are leading the second wave of the vegetarian revolution (the first being tofu), I will offer you a recipe that does not contain any fungi.

As always, feel free to e-mail me comments or questions at <veggie@the-tech.mit.edu>. I look forward to hearing from you.

Spinach-Stuffed Tomatoes
10 ounces package frozen spinach
4 medium tomatoes, firm
1 cup shredded mozzarella cheese
1/4 cup onions, finely minced
1/4 cup grated parmesan cheese
1/2 teaspoon salt
1/8 teaspoon pepper
2 tablespoons parsley, minced

Cook unopened spinach on high for 4 minutes. Let stand 5 minutes, drain well and squeeze dry. Put in a large bowl. Slice and hollow out centers of tomatoes. Discard seeds. Chop pulp finely and add to spinach. Invert tomato shells on paper towels to drain. Preheat oven to 350 degrees.

Add 1/2 cup mozzarella cheese, onion, parmesan, salt & pepper to spinach mixture and blend well. Spoon evenly into shells. Sprinkle with remaining mozzarella and parsley. Arrange in 8-inch round glass or ceramic baking dish & cook at 350 degrees for 6 minutes or until heated through.

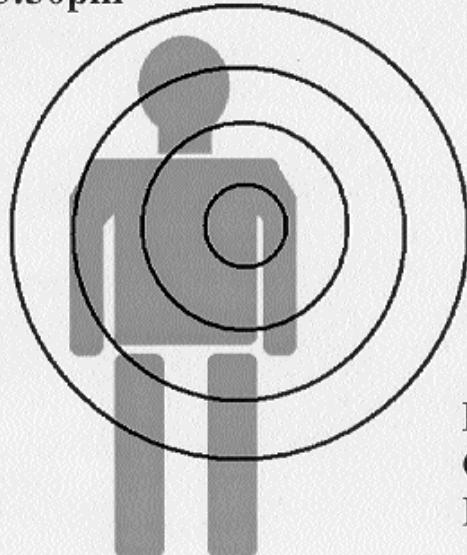
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- Seth Lloyd,
"The Future of Quantum Computation"
- George Barbastathis,
"Optical Imaging Enriched by Shannon's Information"
- Sanjay Sarma,
"Bits, Bytes and Boxes: Networking the Physical World"
- Steven Dubowsky,
"The Shape of Space Explorer Robots in the Year 2040"
- Harry Asada,
"Hilbert Problems of Engineering Science and Technology in the Era of IT"

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Rooms 1-001 – 1-013

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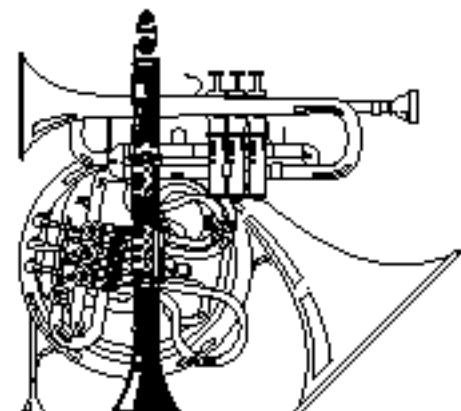
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October
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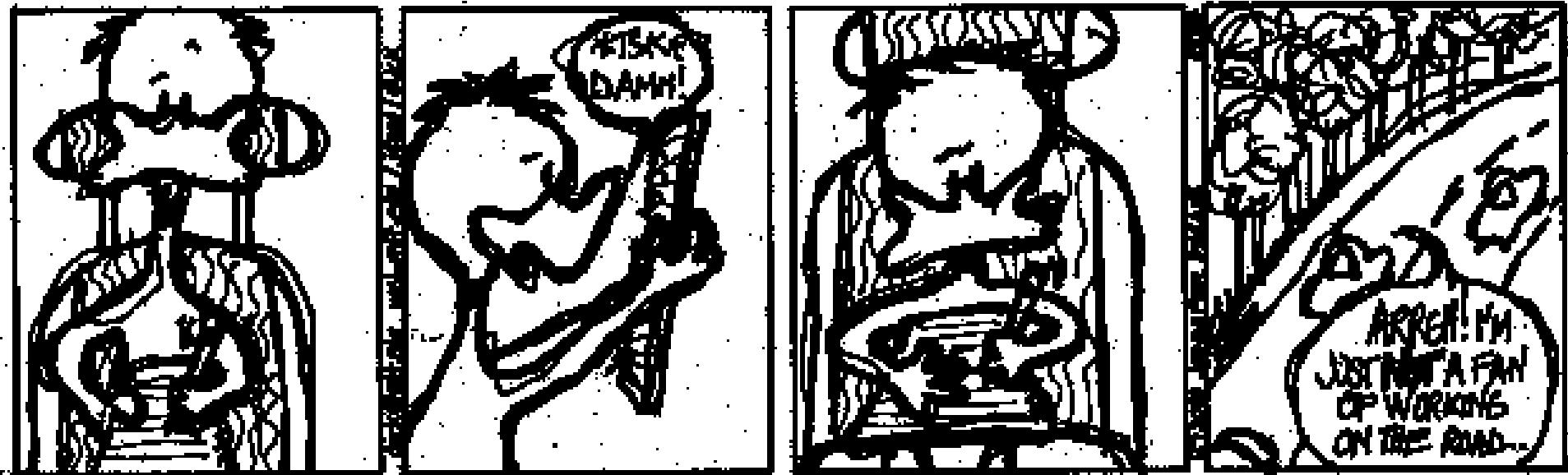
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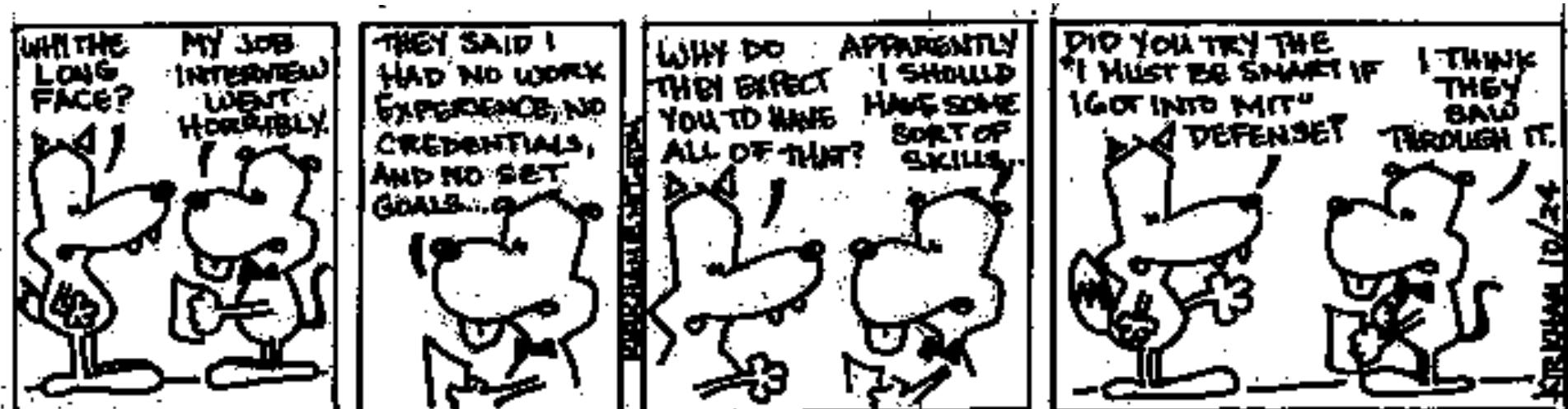
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Down with Science

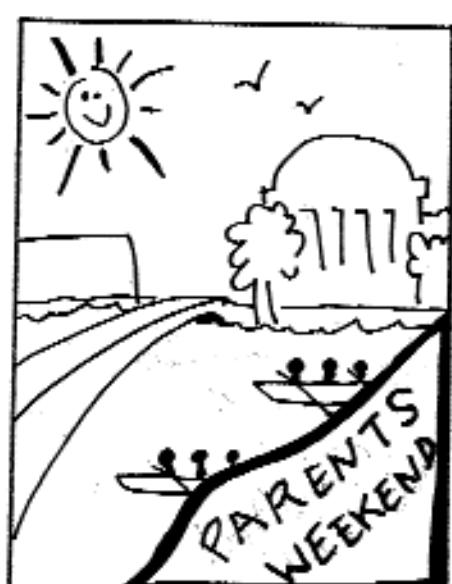
by Jennifer DiMase



the crass rat

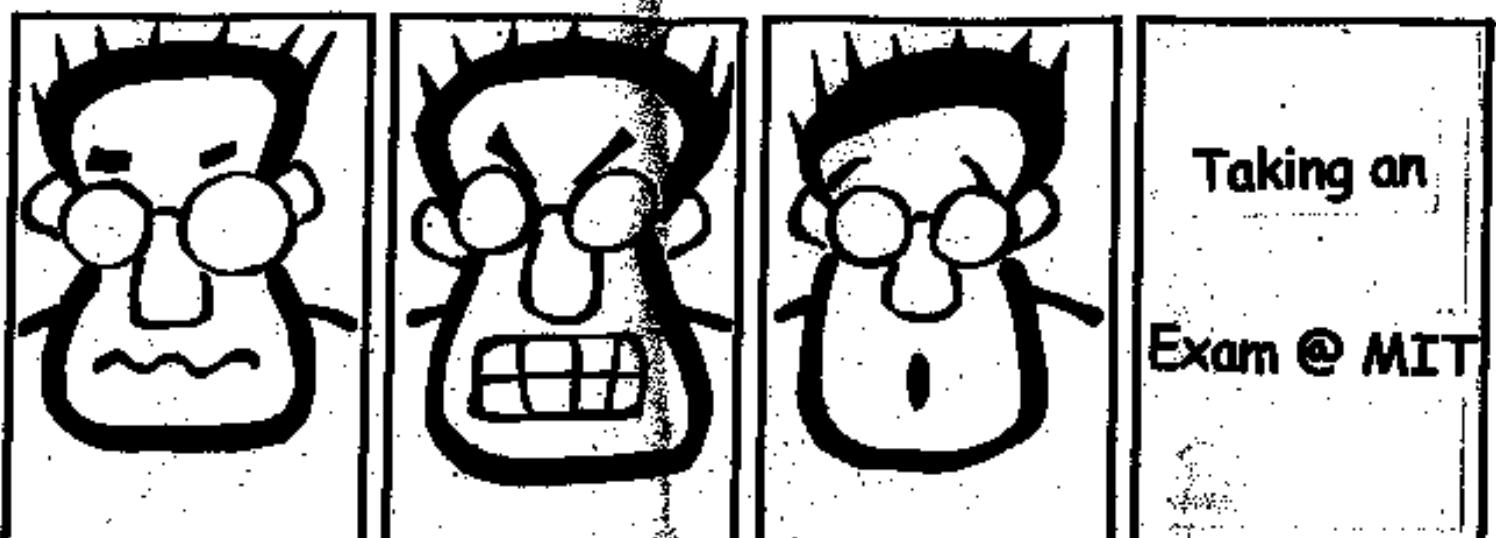


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Tuesday, October 24

9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466 . Sponsor: Sloan School of Management.
 9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children.** Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
 10:00 a.m. - 12:00 p.m. - **Privacy in the Age of Information.** Catherine N. Stratton Lecture on Critical Issues. Panelists include MIT professors John Deutch, Ron Rivest and Peter Szolovits, and Christine Varney of the Washington law firm Hogan & Hartson. These panelists will discuss the most sensitive issues about this topic. free. Room: Wong Auditorium, E51, 70 Memorial Drive & Wadsworth. Sponsor: MIT Women's League.
 10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton.** An interactive exhibition celebrating the life and work of MIT legend Harold . \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
 12:00 p.m. - 2:00 p.m. - **Openness, Secrecy, Authorship: Technical Arts and the Cultures of Knowledge in Renaissance and Early Modern Europe.** Dibner Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.
 12:00 p.m. - 12:50 p.m. - **Communicating For A Better Grade.** Learn the best ways to communicate with your instructors. free. Room: 66-168. Sponsor: Academic Resource Center.
 12:00 p.m. - 1:00 p.m. - **Word User Group.** The MIT Microsoft User Group (WUG) was formed for people at MIT, from beginners to experts, who are using or interested in learning to use Microsoft Word word processing software. free. Room: N42 Demo Center. Sponsor: Information Systems.
 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
 12:15 p.m. - 2:00 p.m. - **Monthly Meeting - Working Group on Support Staff Issues.** Monthly meeting of employees, both support and administrative staff, interested in exploring topics related to the working lives of MIT employees, with an emphasis on support staff issues. free. Room: Bush Room, 10-105. Sponsor: Working Group on Support Staff Issues.
 2:30 p.m. - 3:30 p.m. - **Ripping Instability of a Collapsing Bubble.** Refreshments will be served a 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar. Department of Mathematics.
 4:00 p.m. - 5:00 p.m. - **Deep Sub-micron Effects in High Performance Designs.** MTL VLSI Seminar Series. free. Room: 34-101 (Refreshments at 3:30). Sponsor: MTL VLSI Seminar.
 4:00 p.m. - 5:00 p.m. - **Occam's Razor in Bayesian Influence.** Abstract:TBA. free. Room: Laboratory for Information and Decision Systems, room 35-225. Sponsor: LIDS Colloquium.
 4:00 p.m. - 5:00 p.m. - **Slip Velocity at the Edge of a Porous Medium.** free. Room: 3-133. Sponsor: Fluid Mechanics Seminars.
 4:30 p.m. - 6:00 p.m. - **"Noncommutative geometry and duality of gauge theories".** free. Room: Room 4-231 at M.I.T. Sponsor: Harvard-MIT Mathematical Physics Seminar.
 4:30 p.m. - **Working Toward Co-Existence Among Resettled Refugees.** A session of the Inter-University Seminar on International Migration. free. Room: E38-615. Sponsor: Center for International Studies.
 4:30 p.m. - 6:30 p.m. - **The Israeli-Palestinian Peace Process: Requirements for a Historic Compromise.** free. Room: E51-095 . Sponsor: Center for International Studies.
 6:00 p.m. 00 a.m. - **Tech Songs, 1903.** Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Hallway exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
 6:30 p.m. - **Virtual Palladio: Two Views.** Department of Architecture Lecture with comments by Prof Howard Burns, University of Venice and Prof Kurt Forster, Canadian Center for Architecture. free. Room: Rm 10-250. Sponsor: Department of Architecture.
 7:00 p.m. - 8:00 p.m. - **Identifying and Applying New Technology at Fidelity Investments.** Ted Charette, VP Technology R&D, will speak about development and implementation of technology at Fidelity Investments, a world financial institution. Refreshments will be served. free. Room: 3-370. Sponsor: Science and Engineering Business Club.

Wednesday, October 25

9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466 . Sponsor: Sloan School of Management.
 9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children.** Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
 10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton.** An interactive exhibition celebrating the life and work of MIT legend Harold . \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
 11:00 a.m. - 12:30 p.m. - **New Media, Old Books: Italian Literature in the Digital Age.** First talk in a series of events/seminars on "things Italian" sponsored by the MIT-Italy program. The talk will discuss how to best reconcile new technologies and old classics , like Dante and Boccaccio. free. Room: Building 16, Room 676. Sponsor: MIT-Italy Program.
 11:00 a.m. - 12:00 p.m. - **Electrically-Driven Organic Solid State Lasers.** free. Room: 34-401B, Grier Room. Sponsor: Optics.
 12:00 p.m. - 1:00 p.m. - **Windows NT Quick Start.** Master the five basic parts of Windows NT - the desktop, icons, mouse pointer, Start button, and Taskbar. Learn how to launch or exit from applications, find files or folders, and access online help. free. Room: N42 Demo Center. Sponsor: Information Systems.
 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
 12:00 p.m. - 1:30 p.m. - **Taking Another Look at General Disarmament.** free. Room: E38-615. Sponsor: Security Studies Program.
 12:10 p.m. - 1:10 p.m. - **Air-Sea Momentum Flux, Surface Waves, and Wave Breaking.** Tetsu Hara, University of Rhode Island . free. Room: 54-915. Sponsor: Physical Oceanography.
 3:00 p.m. - 5:00 p.m. - **spouses&partners@mit - Culture Shock.** We'll talk about the factors that influence our adjustment to life in the U.S. Childcare provided. free. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.
 3:00 p.m. - 4:30 p.m. - **Weekly Practice Session for Oral Presentations.** Practice oral presentations and get professional feedback from Dr. Steven Strang, director of MIT's Writing and Communication Center. free. Room: 14N-325. Sponsor: Writing and Communication Center.
 4:15 p.m. - 5:30 p.m. - **On the Fractional Dimension of Posets of Trees: Closing a 10^8-2000 Gap.** Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.
 6:00 p.m. 00 a.m. - **Tech Songs, 1903.** Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Hallway exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
 6:30 p.m. - 7:15 p.m. - **MITgaard Weekly Meeting.** free. Room: Student Center, PDR#3. Sponsor: Society for Creative Anachronism.
 8:00 p.m. - 10:00 p.m. - **International Film Club Film Seminar.** Consult our web page for this weeks title:
<http://web.mit.edu/film/www>. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.
 - **MIT Symphony Orchestra Concert.** Dante Anzolini, director. Mahler's Symphony #4, Ravel's Tzigane with Rachel Levinson '01, violin. (Program subject to change.) Sponsored by the Council for the Arts at MIT. \$2 at the door. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.

Thursday, October 26

9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

issues of women's individuality and saneness. free. Room: Rm E52-466 . Sponsor: Sloan School of Management.
 9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children.** Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
 10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton.** An interactive exhibition celebrating the life and work of MIT legend Harold . \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
 10:00 a.m. - 3:00 p.m. - **BOOKSALE.** Books in math, sciences, engineering, history and fiction. Proceeds benefit MIT Libraries' PreservationFund. free. Room: Bldg.14, Hayden Basement. Sponsor: MIT Libraries Gifts Office.
 12:00 p.m. - **Forgetful Flies: Genetic and Molecular Studies of Learning and Memory in Drosophila** • Dr. Scott Waddell of MIT Brain and Cognitive Sciences, shares his current research. Title of lecture above will be updated when available. Hosted by Prof. Chip Quinn. free. Room: E18-208. Sponsor: Center for Learning and Memory.
 12:00 p.m. - **Noon Chapel Concert.** The Leonora String Quartet. Barbara Englesberg, violin; Edward Wu, violin; Kenneth Stalberg, viola; Joel Cohen, cello. Ravel and Haydn Quartets. free. Room: MIT Chapel. Sponsor: Music Section.
 12:00 p.m. - 6:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
 12:00 p.m. - 1:00 p.m. - **Web Pub User Group (formerly CWIS User Group).** The purpose of the Web Pub User Group is to: provide a forum for information and support about web publishing at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems.
 1:00 p.m. - **PE 2nd Qtr. Lottery Ends!** free. Sponsor: Physical Education.
 3:00 p.m. - 5:00 p.m. - **Experiences in Interactive Expression.** Open discussion by visiting artists highlighting the history of interactive digital art & contemporary issues in the field. free. Room: Rm N52-390. Sponsor: Center for Advanced Visual Studies.
 4:15 p.m. - 5:15 p.m. - **Faster Cheaper Optimization of the Management of Space Programs of Interdependent Projects.** Refreshments to follow in E40-106. free. Room: E51-361. Sponsor: Operations Research Center.
 6:00 p.m. 00 a.m. - **Tech Songs, 1903.** Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Hallway exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
 7:00 p.m. - **Women's Volleyball vs. Tufts University.** free. Room: du Pont Gymnasium. Sponsor: Department of Athletics.
 7:00 p.m. - **Water Polo vs. Boston College.** free. Room: Alumni Pool. Sponsor: Department of Athletics.

Friday, October 27

9:00 a.m. - 5:00 p.m. - **Mary A. Harman: Breaking the Mold.** A series of images using multiple print processes to explore issues of women's individuality and saneness. free. Room: Rm E52-466 . Sponsor: Sloan School of Management.
 9:00 a.m. - 5:00 p.m. - **Peace Through Humor: Visions of Peace from the Hands of Children.** Exhibition of paintings, hosted by MIT Hillel. Curated by Maureen Kushner. free. Room: W11, Religious Activities Ctr, 40 Amherst St. Sponsor: Hillel, MIT.
 10:00 a.m. - 5:00 p.m. - **Flashes of Inspiration: The Work of Harold Edgerton.** An interactive exhibition celebrating the life and work of MIT legend Harold . \$5; \$2 students/seniors; \$1 children 5-18; free with MIT ID. Room: MIT Museum, N52 2nd floor. Sponsor: MIT Museum.
 10:00 a.m. - 3:00 p.m. - **Computer Security Vendor's Fair.** MIT Information Systems, MIT Police and MIT Insurance Office will host a Computer Security Vendor's Fair. Come see the devices and services available to protect your information and processing resources. free. Room: Bush Room 10-105. Sponsor: Information Systems.
 12:00 p.m. - 1:00 p.m. - **BrioQuery Quick Start.** Learn how to download, install, and set up BrioQuery on your desktop. Learn how to download and process a standard report. An overview of the features and capabilities of BrioQuery will be given. free. Room: N42 Demo Center. Sponsor: Information Systems.
 12:00 p.m. - 2:00 p.m. - **MIT Jewish Faculty Affairs Luncheon.** "The Jew in American Politics" A Talk by Stephen Whitfield, Max Richter Char in American Civilization at Brandeis University. Author of the recent book: _In Search of American Jewish Culture_. \$10. Room: W11 Small Dining Room. Sponsor: Hillel, MIT.
 12:00 p.m. - 8:00 p.m. - **Global Conceptualism: Points of Origin, 1950s-1980s.** major touring group exhibition featuring more than 200 works (photographs, documentation, films, videos, postcards, posters and drawings, as well as paintings, mixed media objects and installations) by over 130 international artists. free. Room: List Visual Arts Center (E15). Sponsor: List Visual Arts Center.
 3:00 p.m. - 4:00 p.m. - **"From Chemistry to Automotive Power Trains".** This year's annual Hoyt C. Hottel Lectureship in the Department of Chemical Engineering to honor former Professor Hottel's major contributions to the department. The lectureship was begun in 1985 and is oriented to the fields of combustion and energy technology. free. Room: 66-110. Sponsor: Chemical Engineering.
 4:15 p.m. - 5:15 p.m. - **A Generating Tree for 321, Hexagon-avoiding permutations.** Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.
 5:30 p.m. - 6:00 p.m. - **MTSFS weekly 'meetings'.** While these are, technically, meetings, it is high-forbidden to conduct Real Business at them, as they're really social events. Imaginary Business, however, is allowed. Usually a dinner trip follows. free. Room: MITSFS Library, W20-473. Sponsor: Science Fiction Society, MIT.
 6:00 p.m. 00 a.m. - **Tech Songs, 1903.** Institute Archives and Special Collections: Object of the Month illustrates how MIT students of 100 years ago found a common bond and an outlet for frustration in songs about undergraduate life. free. Room: Hallway exhibit case across from Rm 14N-118. Sponsor: Institute Archives and Special Collections.
 6:00 p.m. - 8:00 p.m. - **Steelpan Performance.** This will be a display of the only percussion instrument to be developed in the 20th Century, and the culture behind it. Listen to the renditions of popular Caribbean tunes on the Caribbean's most renowned musical instrument! Free. Room: Lobby 10. Sponsor: Caribbean-Club.
 7:00 p.m. - **LSC Presents Titan AE.** Friday, October 27 at 7 & 10 pm, and Sunday, October 29 at 7 pm. 26-100. Matt Damon, Drew Barrymore, Janeane Garofalo. In the 31st century, the human race barely escapes annihilation by the Drej, a hostile energy-based alien species. With Earth gone, its human survivors wander through space in drifter colonies as second-class citizens among alien creatures. Mankind's only hope for survival lies in the iTitan,i an experimental ship that has the ability to create worlds. Matt Damon plays Cale Tucker, a cynical young refugee who unknowingly possesses a genetically encoded ring, the only key to finding the missing Titan. Drafted by a band of freedom fighters while on the run from the Drej, Cale reluctantly joins them in a fast-paced, treacherous race to the Titan. Animation, comedy, sci-fi. Rated PG for action violence, mild sensuality and brief language. 94 minutes. \$2.50. Room: MIT Room 26-100. Sponsor: LSC.
 7:30 p.m. - **LSC Classics Presents Shaft (1971).** Richard Roundtree. John Shaft (Roundtree) is the ultimate in suave black detectives. He first finds himself up against Bumpy, the leader of the crime mob, and then against Black nationals, before finally working with both against the White Mafia, who are trying to blackmail Bumpy by kidnapping his daughter. \$2.50. Room: MIT Room 10-250. Sponsor: LSC.
 8:00 p.m. - **Faculty Recital of Recent Music by Charles Shadle.** Lecturer Charles Shadle, composer/piano with MIT students Ole Nielsen (G-flute) and Dawn Perlner I01 (violin); MIT Affiliated Artist Margaret O'Keefe (soprano) performing Six Dickins Songs; and special guest, baritone Carlos Archuleta, who will premiere Estrella Fugaz. free. Room: Killian Hall. Sponsor: MIT Music and Theater Arts Section.
 9:00 p.m. - 11:00 p.m. - **Movie Night.** Movie Title: "Third World Cop". Free. Room: 471 Memorial Dr, third floor. Sponsor: Caribbean-Club.
 10:00 p.m. - **LSC Presents Titan AE.** Friday, October 27 at 7 & 10 pm, and Sunday, October 29 at 7 pm. 26-100. Matt Damon, Drew Barrymore, Janeane Garofalo. In the 31st century, the human race barely escapes annihilation by the Drej, a hostile energy-based alien species. With Earth gone, its human survivors wander through space in drifter colonies as second-class citizens among alien creatures. Mankind's only hope for survival lies in the iTitan,i an experimental ship that has the ability to create worlds. Matt Damon plays Cale Tucker, a cynical young refugee who unknowingly possesses a genetically encoded ring, the only key to finding the missing Titan. Drafted by a band of freedom fighters while on the run from the Drej, Cale reluctantly joins them in a fast-paced, treacherous race to the Titan. Animation, comedy, sci-fi. Rated PG for action violence, mild sensuality and brief language. 94 minutes. \$2.50. Room: MIT Room 26-100. Sponsor: LSC.

Dilbert®

by Scott Adams

SPORTS

Women's Tennis Is NEWMAC Champion

By Ann Hsing

TEAM MEMBER

The MIT women's tennis team has finished off their dual fall season, clinching the NEWMAC title once again for the year 2000. With an 8-1 victory over Mount Holyoke College on Oct. 14, MIT kept their flawless conference record in tact as many spectators gathered on that lovely Saturday afternoon. On the next Sunday, the team extended its fall season to 11-1 as it sent Bates back to the cold state of Maine with nothing to smile about.

As weather proved to be extremely erratic the entire week, the women of the MIT tennis team could not be entirely sure of what to expect the past weekend. When Saturday finally rolled around, the shining sun and singing birds indicated the "feelin' so good" vibes of the day.

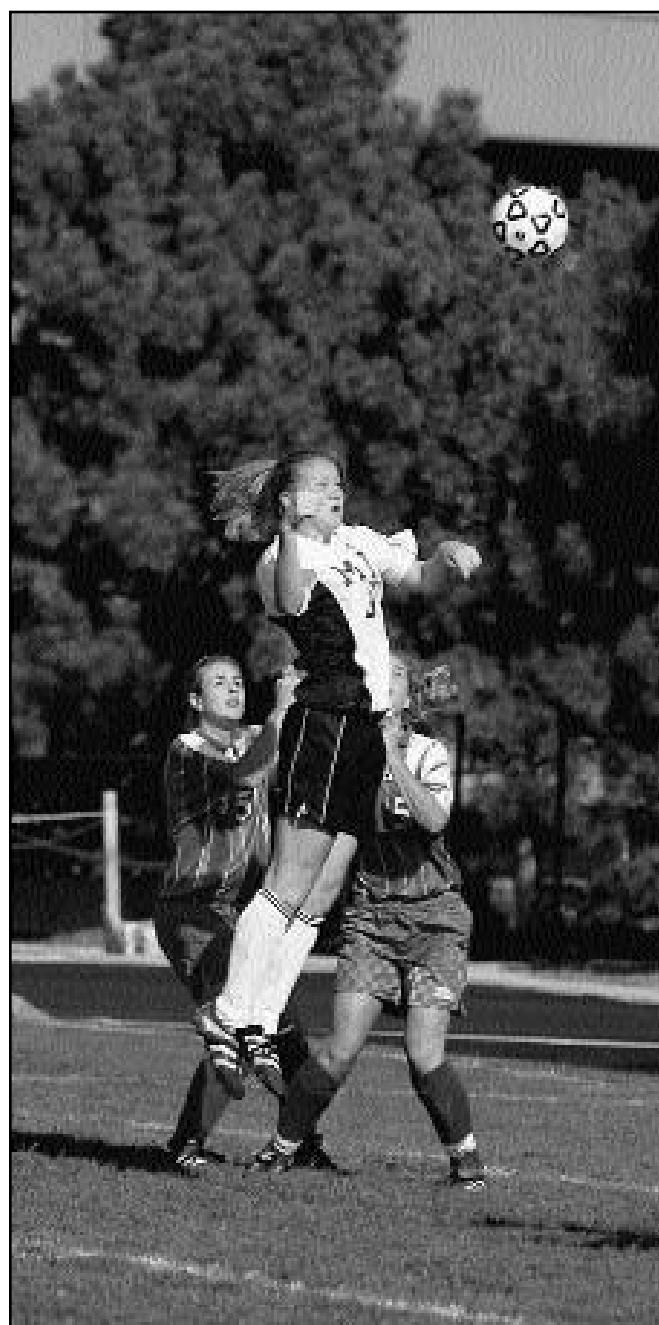
Beginning in doubles, the unstoppable duo of Kelly Koskelin '02 and Victoria Davis '04 cleaned off Mount Holyoke 8-2, and Jessica Hall '02 and Shima Rayej '04 also won, 8-3. However, Ann Hsing '02 and Caroline Tien '04 lost at third doubles, 8-6, and Yi-Ning Cheng '02 and Jennifer Lee '03 also fought long and hard, losing in a close 9-7 match.

With the weather remaining good and spirits high, singles ran as smoothly as doubles did. Koskelin fired a 6-3, 6-1 victory, while Rayej, despite a close first set, emerged victorious, winning 7-5, 6-0. Davis gave her opponent no time to think, blasting past her 6-3, 6-1, with Tien following the trend, 6-0, 6-2. Hall represented in the same fashion, 6-2, 6-1, as did Ruby Pai '04, pulling off a victory with a close second set, 6-1, 7-5. Antimony Gerhardt and Ann Hsing both pulled out victories, as Cheng and Lee fought hard against their opponents. Despite good strokes and smart plays, they were unable to clinch victories.

Entering the Bates match as the undefeated 2000 NEWMAC champions, MIT knew they wanted to make their last dual match of the season to be a memorable one. Koseklin and Davis as well as Hall and Rayej showed their patience and wisdom in doubles, winning closely 8-6. Pulling out of their slump, Hsing and Tien fired an 8-1 victory over Bates. Cheng and Lee once again played hard but lost in a close 8-6 match. After the happy round of doubles, the MIT women entered into singles psyched and ready to go. Koskelin blasted past Bates 6-0, 6-4, while Rayej handed her opponent two bagels, 6-0, 6-0.

Despite a well-recognized effort from Davis, she dropped her match in three-sets, 6-3, 3-6, 6-3. Tien and Hall both easily won their matches as usual, 6-2, 6-2 and 6-0, 6-1. Ruby Pai served up a meal with an easy first set of 6-1, but ran into a little trouble in the second. Playing out long and hard points, Pai rallied to win the match in the tiebreak, 6-1, 7-6 (5). Gerhardt and Hsing also proved no match for the Maine team, as they walked away hand in hand with victories.

With the NEWITT tournament this past weekend at Amherst and the NEWMAC tournament next weekend at Smith, MIT has had its hands full of tennis. The tennis team closes their season 11-1, entering into the spring with high hopes and aspirations.



BRIAN HEMOND-THE TECH

Midfielder Monica Morrison '04 jumps above her opponents to intercept the ball in last Saturday's game against Wellesley College. The MIT women lost 2-0, despite several excellent shots on the Wellesley goal.

Martial Arts at MIT Have Open Workouts

By Malte Loos

TEAM MEMBER

The martial arts community premiered the Open Workout Series with a seminar on Oct. 15 held by



Shihan Kazumi Tabata, head instructor of the Shotokan Karate Club.

Master Tabata is an eighth degree black belt and the highest ranking martial arts person teaching at the Institute. He thrilled a crowd of 65 participants from a wide range of disciplines, including Judo, Jiu Jitsu, Kung Fu and Taekwondo, as well as various Karate groups. Focusing on the spiritual development that underlies the practice of any martial art, Sensei Tabata explained the meaning of the name and the Japanese characters describing Karate, pointing out the basic concept of harmony between soul and the surrounding universe.

He followed up with an illustration of the ten successive stages of enlightenment a martial artist can reach during the course of his spiritual journey through life. Referring to an ancient Chinese allegory, he described the initial stage of superficial knowledge of and confusion about one's self associated with the shodan, or first black belt stage. During the ascension to higher levels of development, one does recognize more clearly the nature of one's soul and gains hold of it. At the upper five levels, associated with mastership, one progressively overcomes the need to deal with one's self, gaining freedom to turn back towards the world and teach. For the few unlucky creatures not in possession of even a first degree black belt, Master Tabata had only one piece of advice:

learn your techniques!

For an outsider, Karate and all martial arts seem fundamentally paradoxical: how can one pursue such lofty and spiritual ideals with an activity so physical and centered about the seemingly most primitive of all instincts — to deliver a knock-out blow to your opponent?

Participants got a taste of the answer when Sensei Tabata led them through a program of self-defense techniques. The room filled with his awe inspiring energy, and participants practiced block punch combinations, fending off punch attacks. The seminar culminated in randomly matched free sparring bouts which challenged everyone to test the worth of their techniques and styles with an opponent of unknown and likely very different education and abilities. The workout concluded in a festive atmosphere.

The Open Workout Series is designed to foster interaction, knowledge and respect within the martial arts community. The series is meant to showcase the contributions that martial arts can make and of the outstanding range of styles and their depth present at MIT.

MIT is indeed unique in the wealth of martial arts opportunities offered here; the Institute hosts more than 13 martial arts clubs. Styles taught in the clubs range from Judo and varieties of Jiu Jitsu, Kung Fu, Wing Tsun and Boxing to varieties of Taekwondo, Shotokan Karate, and other Karate styles. Further information on the Open Workout Series, martial arts at MIT, and the Shotokan Karate Club can be gathered at <<http://web.mit.edu/shotokan/open-workouts.html>>. The series will continue with two workouts sponsored by the Judo Club and by Boston Wing Tsun.

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Compensation is available for every person you refer who enrolls in one of our studies.

Ask for details

